FINAL
Preliminary Assessment Report
Army Aviation Support Facility,
St. Paul, Minnesota, Holman Field

Perfluorooctane-Sulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA) Impacted Sites
ARNG Installations, Nationwide

November 2019

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Acronyms and Abbreviations

°F	degrees Fahrenheit
AASF	Army Aviation Support Facility
AECOM	AECOM Technical Services, Inc.
AFFF	aqueous film forming foam
AOI	Area of Interest
ARNG	Army National Guard
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CSM	conceptual site model
FTA	fire training area
MAC	Metropolitan Airports Commission
MNARNG	Minnesota Army National Guard
MNDNR	Minnesota Department of Natural Resources
PA	Preliminary Assessment
PFAS	per- and poly-fluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
ppt	parts per trillion
SI	Site Inspection
US	United States
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
VSI	visual site inspection

Executive Summary

The United States Army Corps of Engineers Baltimore District on behalf of the Army National Guard (ARNG)-Installations & Environment Division, Cleanup Branch contracted AECOM Technical Services, Inc. (AECOM) to perform *Preliminary Assessments (PAs) and Site Inspections (SIs) for Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) Impacted Sites at ARNG Facilities Nationwide*. The ARNG is assessing potential effects on human health related to processes at facilities that used per- and poly-fluoroalkyl substances (PFAS), primarily in the form of aqueous film forming foam released as part of firefighting activities, although other PFAS sources are possible.

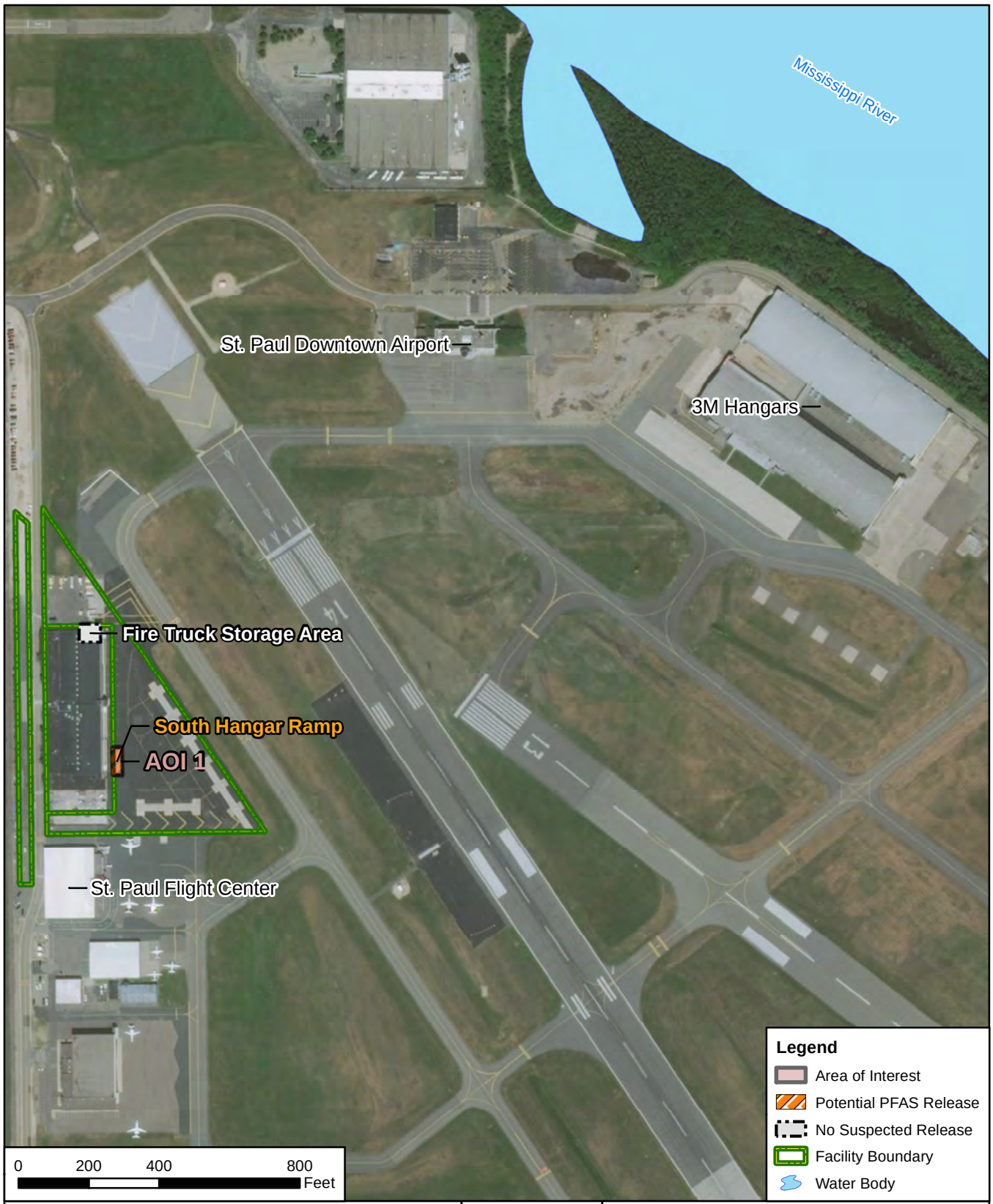
AECOM completed a PA for PFAS at the Army Aviation Support Facility (AASF) in St. Paul, Minnesota, Holman Field to assess potential PFAS release areas and exposure pathways to receptors. The AASF is constructed on a 4.25 acre parcel of land owned by the Metropolitan Airports Commission and leased to the Minnesota Army National Guard (MNARNG). The current lease agreement expires on 30 September 2028. The performance of this PA included the following tasks:

- Reviewed data resources to obtain information relevant to suspected PFAS releases
- Conducted a site visit 24 September 2018
- Interviewed current and retired MNARNG personnel, MNARNG environmental managers and operations staff, and the St. Paul Fire Department
- Completed visual site inspections at known or suspected potential PFAS release locations and documented with photographs
- Developed a conceptual site model (CSM) to outline the potential release and pathway of PFAS for the Area of Interest (AOI) and the facility (**Figure ES-1**)

One AOI related to potential PFAS releases was identified at the St. Paul AASF Holman Field during the PA. The AOI is shown on **Figure ES-1** and described below:

Area of Interest	Name	Used by	Potential Release Date
AOI 1	South Hangar Ramp	MNARNG	October 2013

Based on potential aqueous film forming foam releases at this AOI, there is potential for exposure to PFAS contamination in surface soil and intermittent surface water and sediments to site workers, construction workers, and trespassers via ingestion and inhalation of dust. Site workers and construction workers may also be exposed to potential PFAS contamination in subsurface soil via ingestion and inhalation of dust. Potential off-facility PFAS release areas exist adjacent to the AASF. These areas include property downgradient of the facility and are, therefore, unlikely to impact the AASF. The CSM for the St. Paul AASF Holman Field is shown on **Figure ES-2**.



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NOTES	Preliminary Assessment for PFAS at St. Paul AASF, MN			
REVISED	3/11/2019	GIS BY	MS	3/11/2019
SCALE	1:4,800	CHK BY	JZ	3/11/2019
Base Map: Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,		PM	RG	3/11/2019

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Summary of Findings

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Figure ES-1

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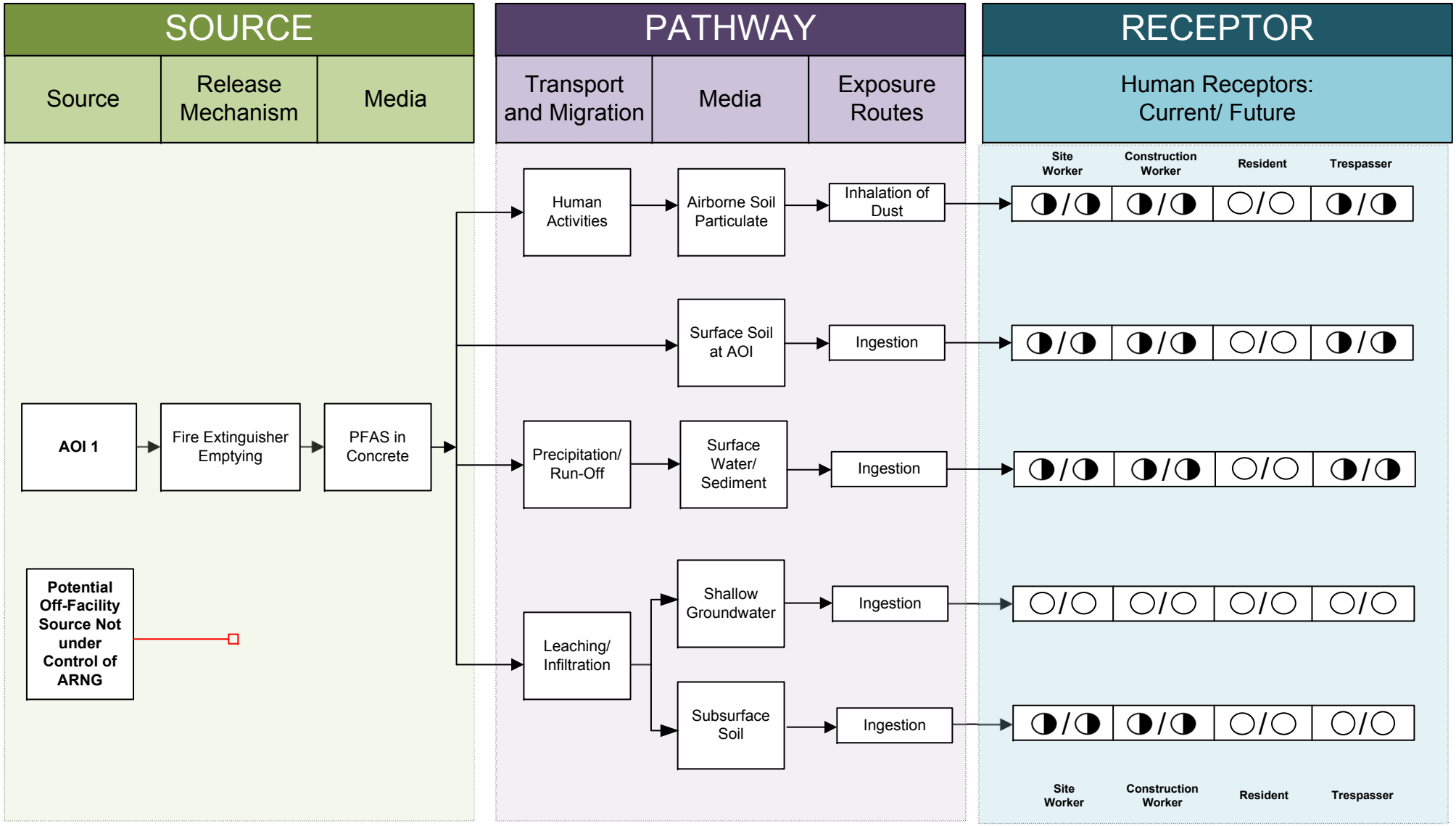


LEGEND

- Flow-Chart Stops
- Flow-Chart Continues
- Partial / Possible Flow
- Incomplete Pathway
- Potentially Complete Pathway
- Complete Pathway

Figure ES-2
Conceptual Site Model
St. Paul AASF Holman Field

1. Introduction

1.1 Authority and Purpose

The United States (US) Army Corps of Engineers (USACE) Baltimore District on behalf of the Army National Guard (ARNG)-Installations & Environment Division, Cleanup Branch contracted AECOM Technical Services, Inc. (AECOM) to perform *Preliminary Assessments (PAs) and Site Inspections (SIs) for Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) Impacted Sites at ARNG Facilities Nationwide* under Contract Number W912DR-12-D-0014, Task Order W912DR17F0192, issued 11 August 2017. The ARNG is assessing potential effects on human health related to processes at facilities that used per- and poly-fluoroalkyl substances (PFAS), primarily in the form of aqueous film forming foam (AFFF) released as part of firefighting activities, although other PFAS sources are possible. In addition, the ARNG is assessing businesses or operations adjacent to the ARNG facility (not under the control of ARNG) that could potentially be responsible for a PFAS release.

PFAS are classified as emerging environmental contaminants that are garnering increasing regulatory interest due to their potential risks to human health and the environment. PFAS formulations contain highly diverse mixtures of compounds. Thus, the fate of PFAS compounds in the environment varies. The regulatory framework at both federal and state levels continues to evolve. The US Environmental Protection Agency (USEPA) issued Drinking Water Health Advisories for PFOA and PFOS in May 2016, but there are currently no promulgated national standards regulating PFAS in drinking water. In the absence of federal maximum contaminant levels, some states have adopted their own drinking water standards for PFAS. The State of Minnesota has adopted screening values of 35 parts per trillion (ppt) for PFOA and 27 ppt for PFOS (Minnesota Department of Health, 2018). These values are more protective than the USEPA value of 70 ppt, individually or combined.

This report presents the findings of a PA for PFAS at the Army Aviation Support Facility (AASF) in St. Paul, Minnesota, Holman Field in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, the National Oil and Hazardous Substances Pollution Contingency Plan (40 Code of Federal Regulations Part 300), and USACE requirements and guidance.

This PA documents the known fire training areas (FTAs) as well as other locations where PFAS may have been released into the environment at the AASF. The term PFAS will be used throughout this report to encompass all PFAS chemicals being evaluated, including PFOS and PFOA, which are key components of AFFF.

1.2 Preliminary Assessment Methods

The performance of this PA included the following tasks:

- Reviewed data resources to obtain information relevant to suspected PFAS releases
- Conducted a site visit on 24 September 2018
- Interviewed current and retired Minnesota Army National Guard (MNARNG) personnel, MNARNG environmental managers and operations staff, and the St. Paul Fire Department
- Completed visual site inspections (VSIs) at known or suspected potential PFAS release locations and documented with photographs
- Developed a conceptual site model (CSM) to outline the potential release and pathway of PFAS for the Area of Interest (AOI) and the facility

1.3 Report Organization

This report has been prepared in accordance with the USEPA *Guidance for Performing Preliminary Assessments under CERCLA* (USEPA, 1991). The report sections and descriptions of each are:

- **Section 1** – **Introduction:** identifies the project purpose and authority and describes the facility location, environmental setting, and methods used to complete the PA
- **Section 2** – **Fire Training Areas:** describes the FTAs at the facility identified during the site visit
- **Section 3** – **Non-Fire Training Areas:** describes other locations of potential PFAS releases at the facility identified during the site visit
- **Section 4** – **Emergency Response Areas:** describes areas of potential PFAS release at the facility, specifically in response to emergency situations
- **Section 5** – **Adjacent Sources:** describes sources of potential PFAS release adjacent to the facility that are not under the control of ARNG
- **Section 6** – **Conceptual Site Model:** describes the pathways of PFAS transport and receptors for the AOIs and the facility
- **Section 7** –**Conclusions:** summarizes the data findings and presents the conclusions of the PA
- **Section 8** – **References:** provides the references used to develop this document
- **Appendix A** – Data Resources
- **Appendix B** – Preliminary Assessment Documentation
- **Appendix C** – Photographic Log

1.4 Facility Location and Description

The St. Paul AASF Holman Field is in southern Ramsey County, Minnesota, approximately 2 miles southeast of the City of St. Paul (**Figure 1-1**). The facility is accessible from Trunk Highway 52 by Plato Boulevard or Eaton Street and Airport Road. The AASF is adjacent to the St. Paul Downtown Airport which is bordered by the Mississippi River on the north, east, and south and on the west by a railroad and USACE flood control levy (Metropolitan Airports Commission [MAC], 2010).

The AASF was constructed in the 1920s on a 4.25 acre parcel of land owned by the Metropolitan Airports Commission (MAC) and leased to the MNARNG. The current lease agreement expires on 30 September 2028 (**Appendix A**). The AASF facilities include a hangar for the operation, maintenance, and repair of MNARNG rotary-winged and fixed-wing aircraft, administrative offices, and classrooms.

1.5 Facility Environmental Setting

The AASF lies within the Twin Cities metropolitan area, which is characterized by rolling to hilly terrain with poorly drained depressions that form ponds and lakes. The Mississippi River forms ravines, surrounded bluffs, and steep slopes throughout the area, and relatively flat areas are found along the Mississippi River flood plain. The elevation of the facility is approximately 705 feet above mean sea level.

1.5.1 Geology

The AASF is situated in the St. Paul Baldwin Plains and Moraines Subsection of the Eastern Broadleaf Forest Province as defined by the Minnesota Department of Natural Resources (MNDNR) Ecological Classification System. The St. Paul Baldwin Plains and Moraines are characterized by Quaternary deposits directly overlying Cambrian or Ordovician bedrock formations. The bedrock formations form part of a gently sloping structure centered under the Minneapolis-St. Paul metropolitan area, known as the Twin Cities basin (WSB & Associates Inc., 2011). Naturally-occurring soils at the AASF generally consist of alluvium deposits approximately 100 feet deep from the retreating ice of the Wisconsin glaciation. Most of the Holman Field area was originally marsh land; however, several grading operations utilizing river dredge material, predominantly sand, and other common fill generally made up of sand, clay, silt, and broken limestone have been completed (MAC, 2010).

Soils classifications fall under the Chaska and Udorthents associations. These soils are generally described as level to very gently sloping. The Chaska soils are present in the southern marshy portions of the facility and are poorly drained soils subject to frequent flooding from the Mississippi River consisting of silt loam for approximately the top six inches. The Udorthents soils are also present and consist of variable permeability fill soils consisting of Mississippi River dredging materials and various fill materials made up of sand, clay, silt, and broken limestone (MAC, 2010).

1.5.2 Hydrogeology

The AASF is within the Metro Groundwater Province as defined by the MNDNR. Groundwater is drawn from surficial sand and gravel aquifers for domestic and irrigation wells and from deeper fractured and weathered bedrock or sedimentary rock for municipal or public supply wells (WSB & Associates Inc., 2011). Depth to groundwater in the area ranges from 0 to 25 feet below ground surface, with the shallowest wells closer to lakes, streams, and rivers. Groundwater flow is generally from the south to the east-northeast toward the Mississippi River (**Figure 1-2**). Surficial aquifers are recharged predominantly through infiltration of precipitation, although some recharge occurs from open water sources and during periods of high water levels (WSB & Associates Inc., 2011). Regional recharge of the five major bedrock aquifers occurs to the south in Freeborn and Mower Counties (WSB & Associates Inc., 2011).

No potable water wells are located within the boundary of the AASF (**Figure 1-2**). Several monitoring, commercial, and industrial wells are within 4 miles of the facility, and one domestic well is located less than one half mile due north of the facility. However, based on the east-northeast groundwater flow direction, this domestic well is not impacted by the facility. Drinking water for the AASF is supplied by the City of St. Paul, which obtains its municipal water through the St. Paul Regional Water Utility. The St. Paul Regional Water Utility predominantly uses the Mississippi River as its drinking water source although some water is supplied by groundwater aquifers (WSB & Associates Inc., 2011). The Mississippi River surface water intakes are located upgradient of the facility, approximately 18 miles north near Fridley, MN.

1.5.3 Hydrology

The Mississippi River borders the AASF to the north and east and is a significant resource for the area. However, three reaches of the Mississippi River and several lakes in the Harriet Island-Mississippi River Watershed are listed as impaired by the Minnesota Pollution Control Agency due to fecal coliform, polychlorinated biphenyl, PFOS, and mercury contamination and high turbidity. The largest lake near the AASF is Pigs Eye Lake, along the Mississippi River (**Figure 1-3**).

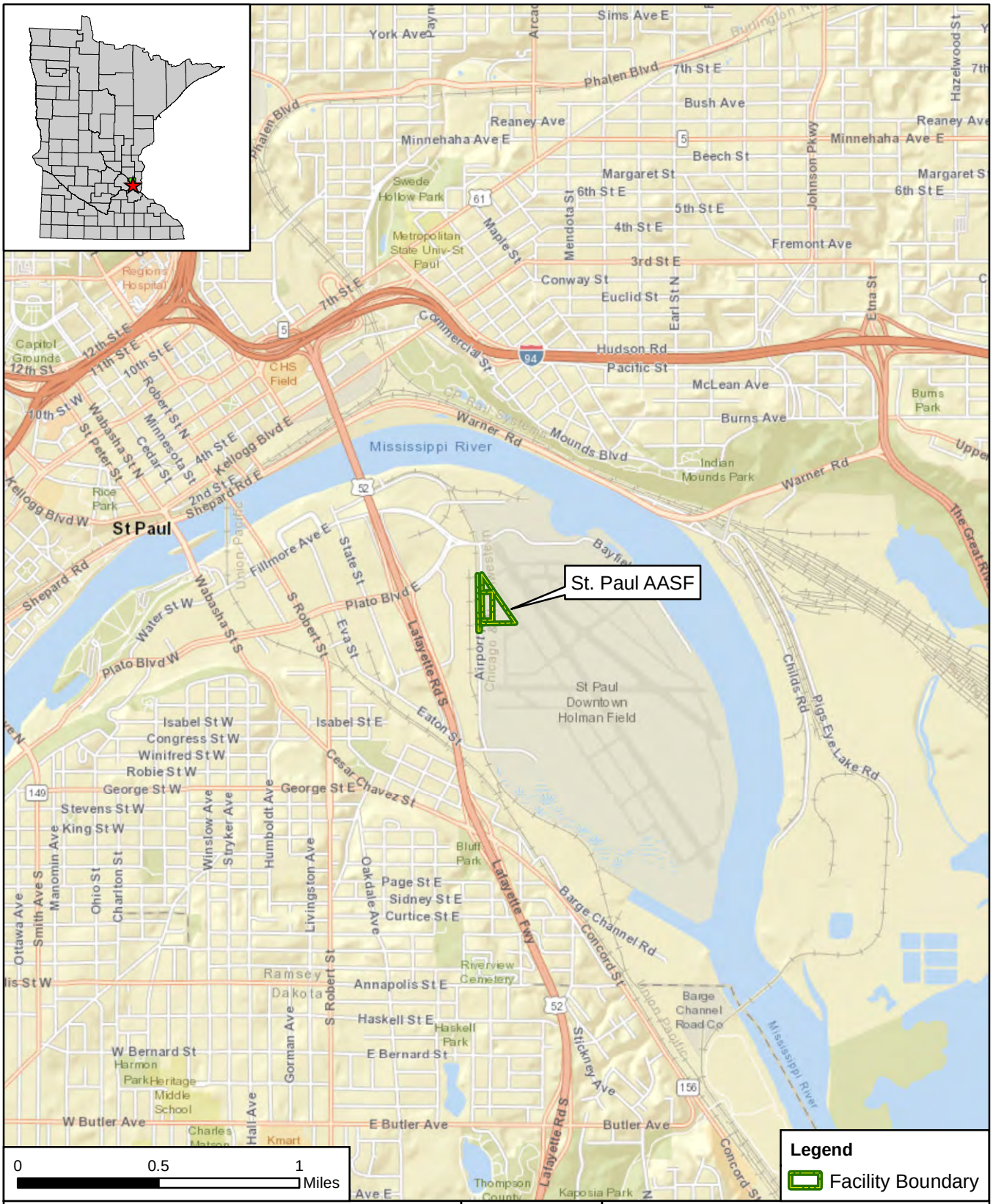
The AASF lies within the 100-year floodplain of the Mississippi River and contains wetlands along the eastern and southern boundary. In 2008, a floodwall was installed to protect against flooding (MAC, 2010).

1.5.4 Climate

The climate of St. Paul consists of warm to hot, humid summers and cold winters with moderate to heavy snowfall. Thunderstorms with heavy rainfall are common in the spring, summer, and fall. Seasonally, temperatures vary from summer highs of 85 degrees Fahrenheit (°F) to winter lows of 7 °F (World Climate, 2019). The average temperature is 42.85 °F. Average precipitation is 32.04 inches of rain and 54.4 inches of snow (World Climate, 2019). The prevailing wind varies from north to south, averaging 8 to 12 miles per hour, with artic air masses throughout the winter.

1.5.5 Current and Future Land Use

The AASF is a controlled access facility with public roads adjacent to the St. Paul Downtown Airport. The St. Paul Regional Airport is owned and operated by the MAC and provides corporate and military air service and a flight training school. The AASF is bordered by the Mississippi River to the north, south and east and a combination of mixed use commercial, office and industrial/utility land uses to the west (MAC, 2010). Residential areas are located northeast and southwest of the airport. Future land use developments are continually evaluated by the Joint Airport Zoning Board in regards to safety zone dimensions and development restrictions. Reasonably anticipated future land use is not expected to change from the current land use.



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NOTES	Preliminary Assessment for PFAS at St. Paul AASF, MN			
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SCALE	1:31,680	CHK BY	JZ	1/30/2019
Base Map: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI,		PM	RG	1/30/2019

Facility Location

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Figure 1-1

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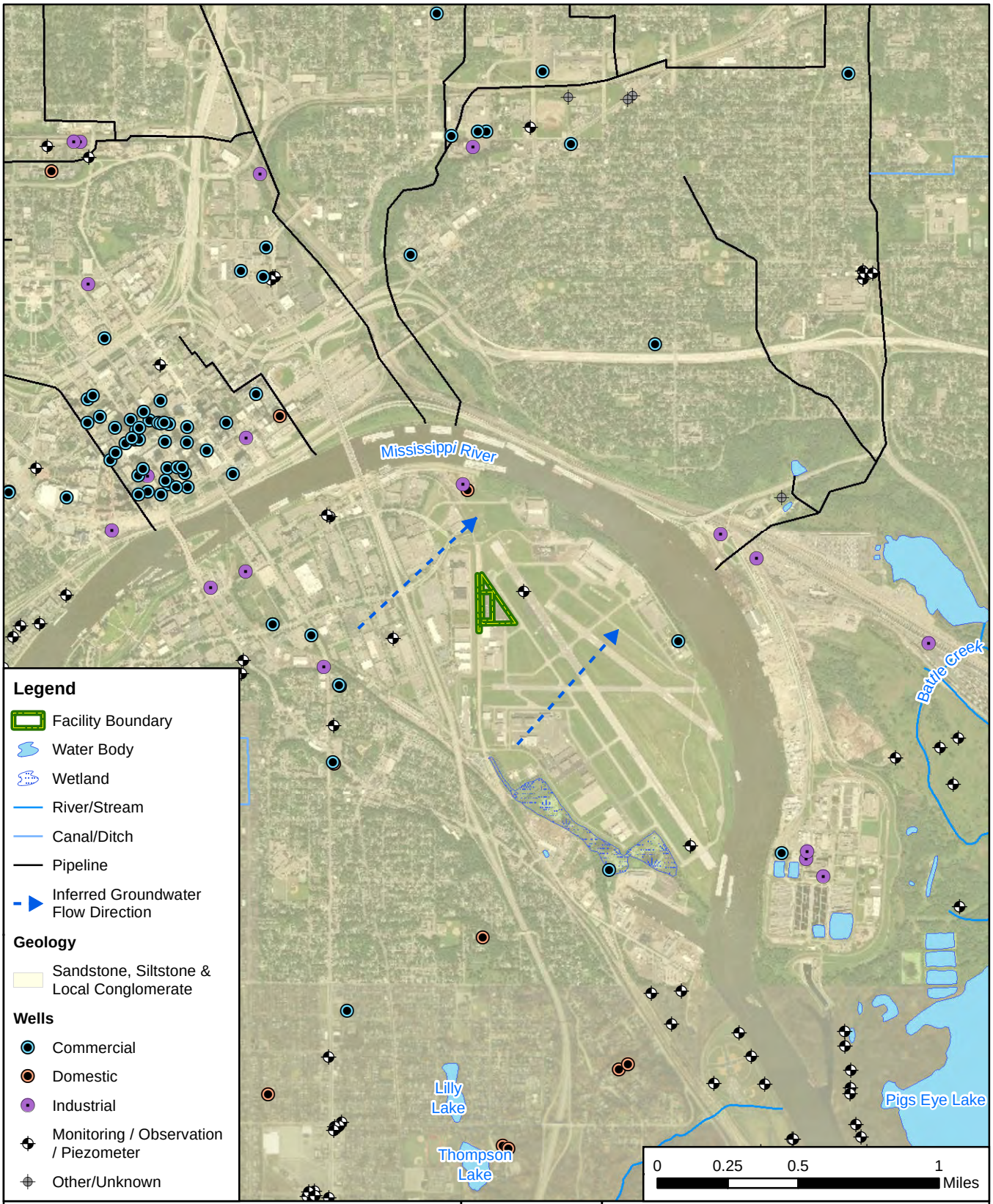

CLIENT	ARNG			
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SCALE	1:31,680	CHK BY	JZ	4/12/2019
Base Map: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,		PM	RG	4/12/2019

Groundwater Features

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Figure 1-2

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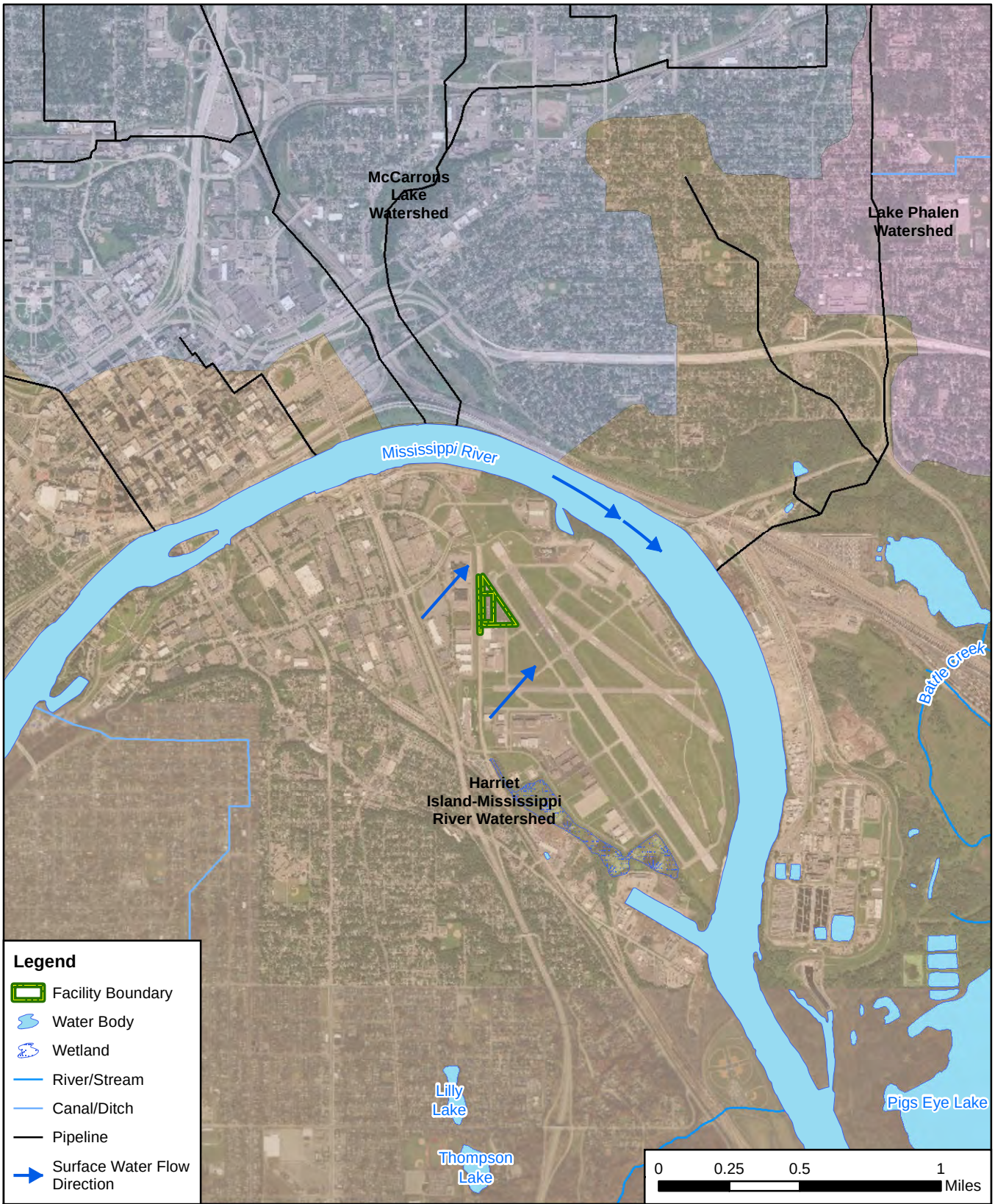

CLIENT	ARNG			
NOTES	Preliminary Assessment for PFAS at St. Paul AASF, MN			
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Base Map: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,		PM	RG	5/14/2019

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Surface Water Features

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Figure 1-3

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2. Fire Training Areas

The City of St. Paul currently provides fire emergency services for the AASF. According to the St. Paul Fire Chief, all fire training for the City of St. Paul is conducted at the St. Paul Fire Training Center, approximately 5.5 miles northwest of the AASF. The St. Paul Fire Training Center is located north of the Mississippi River. The AASF is located south of the Mississippi River; therefore, PFAS use at this location is unlikely to impact the AASF. The MNARNG does not train at the St. Paul Fire Training Center with the City of St. Paul Fire Department, and no FTAs where AFFF was used were identified within the AASF facility during the PA. Annual fire extinguisher training for the MNARNG was historically and is currently conducted using dish soap.

3. Non-Fire Training Areas

Two non-FTAs where AFFF was potentially stored or released were identified during the PA. A description of each non-FTA is presented below and shown on **Figure 3-1**.

3.1 South Hangar Ramp

Historically, the AASF had nine TriMax-30 fire extinguishers, one for training with dish soap, four for outdoor use supplied with 6 percent AFFF, and four for indoor use supplied with 3 percent AFFF. The TriMax-30 fire extinguishers were never used at the AASF for training or emergency response. In October 2013, the TriMax-30 fire extinguishers were replaced by seven 125-pound Purple K fire extinguishers. The TriMax fire extinguishers were emptied on the east side of the South Hangar Ramp prior to being returned to Camp Ripley for demilitarization (**Figure 3-1**). In total, approximately 12 gallons of AFFF concentrate were released during this event. The geographic coordinates are 44°56'19.1"N and 93°04'08.4"W. Two storm drains that drain to the Mississippi River to the north were noted on the ramp during the VSI. In addition, the AASF historically had bulk 3 percent and 6 percent AFFF in 5-gallon containers to be used to refill the TriMax fire extinguishers, if needed. According to interviewees, bulk AFFF was never used to refill the TriMax fire extinguishers. Bulk AFFF was returned to Camp Ripley with the TriMax fire extinguishers in 2013.

3.2 Fire Truck Storage Area

A fire truck was stored at the facility in the north hangar at the indoor wash rack (**Figure 3-1**) from 1987 to 1989 as a control measure because the AASF does not contain an AFFF fire suppression system. The geographic coordinates of the Fire Truck Storage Area are 44°56'22.7"N and 93°04'09.1"W. According to the former Fire Marshall, AFFF concentrate was transferred to the fire truck by pouring AFFF from 5-gallon containers into the tanks. No spills were noted. In addition, the former Fire Marshall indicated the fire truck did not have maintenance issues and was never used for emergency response or training. The nozzles on the fire truck were tested using water only; the proportioning valve was never tested. Periodically, the fire truck was washed in the hangar at the indoor wash rack. Water from the indoor wash rack drains to the oil water separator and then to the sanitary sewage. The fire truck was returned to Camp Ripley in 1989 or 1990.

CLIENT	ARNG			
NOTES	Preliminary Assessment for PFAS at St. Paul AASF, MN			
REVISED	2/25/2019	GIS BY	MS	2/25/2019
SCALE	1:2,400	CHK BY	JZ	2/25/2019
Base Map: Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,		PM	RG	2/25/2019

Non-Fire Training Areas

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Figure 3-1

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4. Emergency Response Areas

No emergency response areas were identified within the AASF facility during the PA through interviews or document review. The City of St. Paul currently provides fire emergency services for the AASF. AFFF for fire emergency services is purchased by the City of St. Paul and stored at the city fire department. No AFFF is currently stored at the AASF.

5. Adjacent Sources

One potential off-facility source of PFAS adjacent to the AASF, not under the control of the MNARNG, was identified during the PA, the St. Paul Downtown Airport. The geographic coordinates of the airport are 44°56'31.1"N and 93°03'54.1"W (**Figure 5-1**). The St. Paul Downtown Airport was constructed in 1926 and is owned and operated by the MAC. The AASF is southwest and adjacent to the St. Paul Downtown Airport.

The St. Paul Downtown Airport is one of several reliever airports in the Twin Cities and consists of several private hangars, including hangars for the 3M Company, and the St. Paul Flight Center. The City of St. Paul Fire Department provides fire emergency services for the St. Paul Downtown Airport. Based on the interview with the City of St. Paul Fire Chief's, none of the hangars at the St. Paul Downtown Airport contain AFFF fire suppression systems, and AFFF has not been dispensed at the Holman Field Complex, including the AASF.

Several additional sources of PFAS in the St. Paul area, not adjacent to the AASF facility, were identified in a report by Delta Consultants titled *Perfluorocarbon (PFC)-Containing Firefighting Foams And Their Use In Minnesota.* These sources include a 3M Company plant, the Minneapolis-St. Paul International Airport / Minneapolis–Saint Paul Joint Air Reserve Station, refineries, marina fire locations, and landfills (**Figure 5-2**). The AASF is upgradient of these additional sources of PFAS; therefore, PFAS use at these locations is unlikely to impact the AASF.

CLIENT	ARNG			
NOTES	Preliminary Assessment for PFAS at St. Paul AASF, MN			
REVISED	2/25/2019	GIS BY	MS	2/25/2019
SCALE	1:4,800	CHK BY	JZ	2/25/2019
Base Map: Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,		PM	RG	2/25/2019

Adjacent Sources

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Figure 5-1

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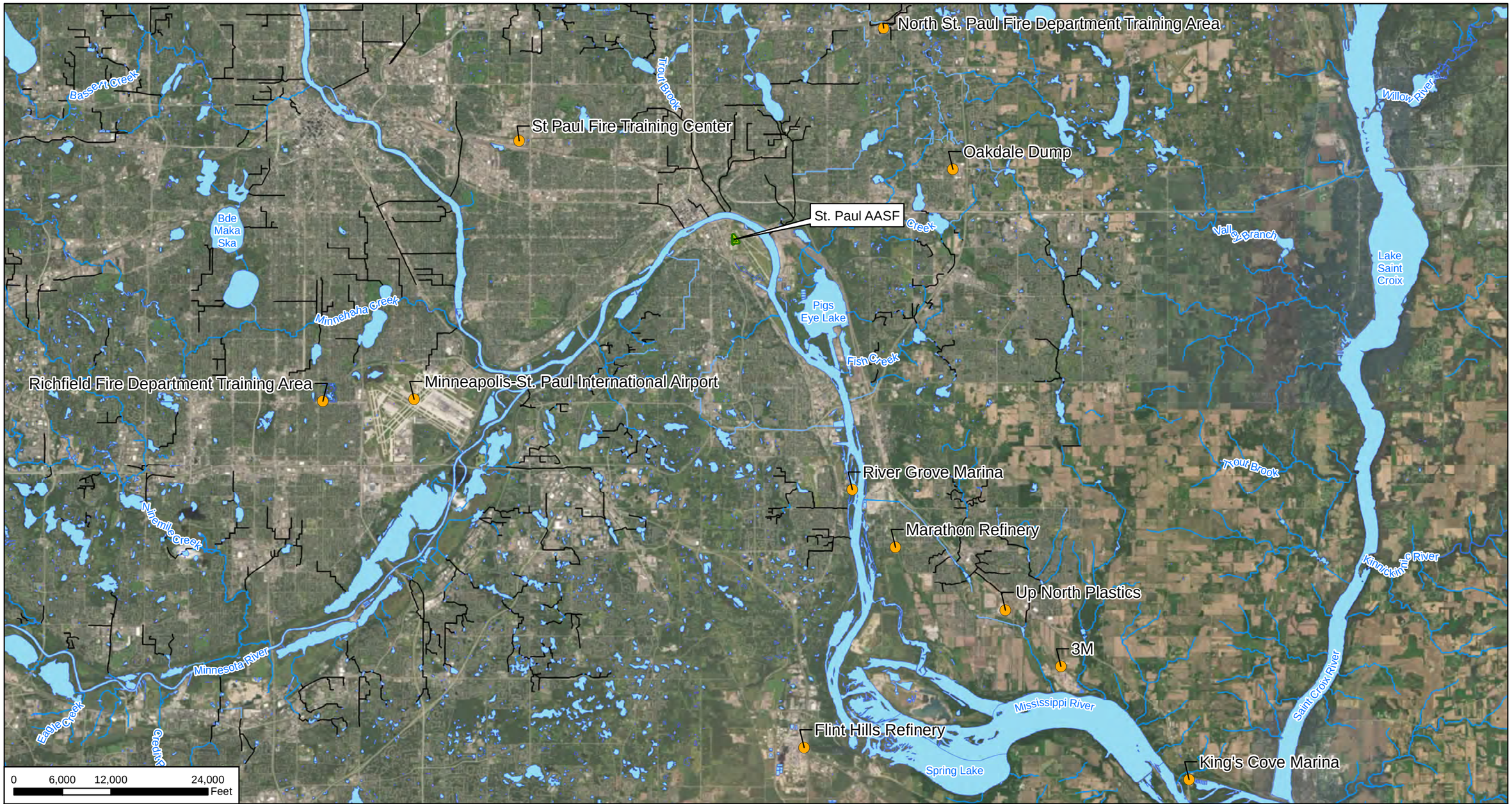

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PROJECT	Preliminary Assessment for PFAS at St Paul, MN			
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Base Map: Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community		PM	RG	3/11/2019

Legend

- Delta Consultants identified adjacent sources
- Facility Boundary
- Water Body
- Wetland
- River/Stream
- Canal/Ditch
- Pipeline

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Delta Consultants Identified Adjacent Sources

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Figure 5-2

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6. Conceptual Site Model

Based on the PA findings, one AOI was identified at the AASF: AOI 1 South Hangar Ramp. The AOI location is shown on **Figure 6-1**. The following sections describe the CSM components and the specific CSMs developed for the AOI. The CSM identifies the three components necessary for a potentially complete exposure pathway: (1) source, (2) pathway, (3) receptor. If any of these elements are missing, the pathway is considered incomplete.

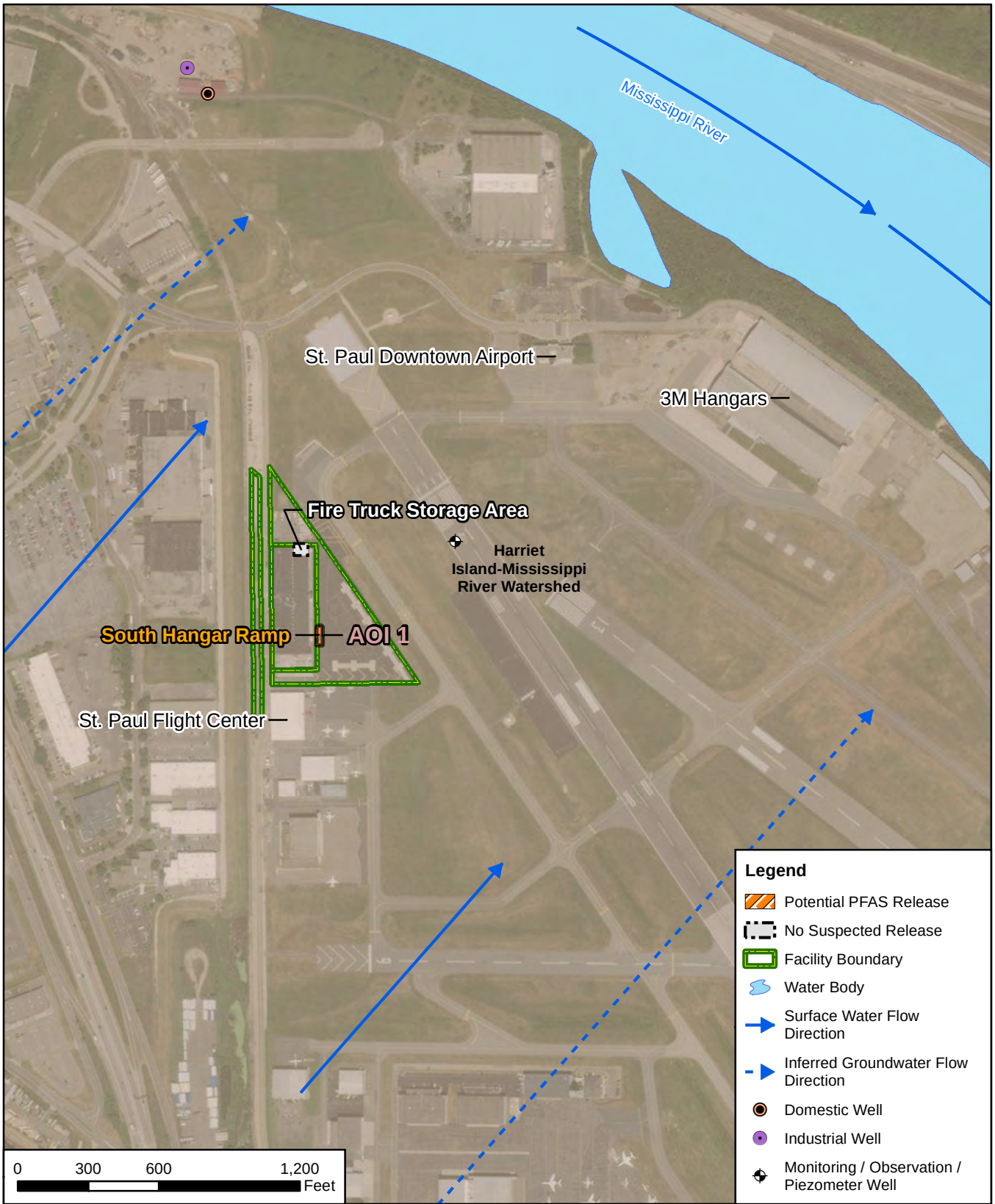
In general, the potential PFAS exposure pathways are ingestion and inhalation. Dermal contact is not considered to be a potential exposure pathway as studies have shown very limited absorption of PFAS through the skin (National Ground Water Association, 2018). Receptors at the St. Paul AASF Holman Field include site workers, construction workers, and trespassers. The CSM for the AASF indicates which specific receptors could potentially be exposed to PFAS.

6.1 AOI 1 South Hangar Ramp

AOI 1 is the South Hangar Ramp. One potential release of AFFF occurred in October 2013 when the TriMax fire extinguishers were emptied on the east side of the South Hangar Ramp by the MNARNG prior to being returned to Camp Ripley for demilitarization. In total, approximately 12 gallons of AFFF concentrate were released during this event.

PFAS are water soluble and can migrate readily from concrete to groundwater, which is estimated to be 0 to 25 feet below ground surface (WSB & Associates Inc., 2011). Because potential PFAS releases to concrete at AOI 1 have occurred, PFAS may migrate from the concrete to the groundwater via leaching. In addition, PFAS may have migrated from the concrete to storm water drains on the ramp via overland surface water flow. Storm water at the facility drains towards the Mississippi River to the north; therefore, the potential release may have impacted the surface water and sediments of the Mississippi River. Drinking water for the facility is supplied by the City of St. Paul, and no potable water wells exist within the boundary of the facility.

Ground-disturbing activities to concrete and intermittent surface water and sediment at AOI 1 and the Mississippi River could result in site worker, construction worker, and trespasser exposure to potential PFAS contamination. Therefore, the exposure pathways for inhalation and ingestion are potentially complete for these receptors. Ground-disturbing activities to subsurface soil could result in site worker and construction worker exposure via inhalation of soil particles and ingestion of subsurface soil. Therefore, the inhalation and ingestion pathways for these receptors are considered potentially complete. There are no potable water wells within the boundary of the AASF, and based on the east-northeast groundwater flow, domestic water supply wells are not impacted by the facility. Therefore, the exposure pathway for groundwater to residents through domestic drinking water ingestion is considered incomplete. The CSM for AOI 1 is shown on **Figure 6-2**.



CLIENT	ARNG			
NOTES	Preliminary Assessment for PFAS at St. Paul AASF, MN			
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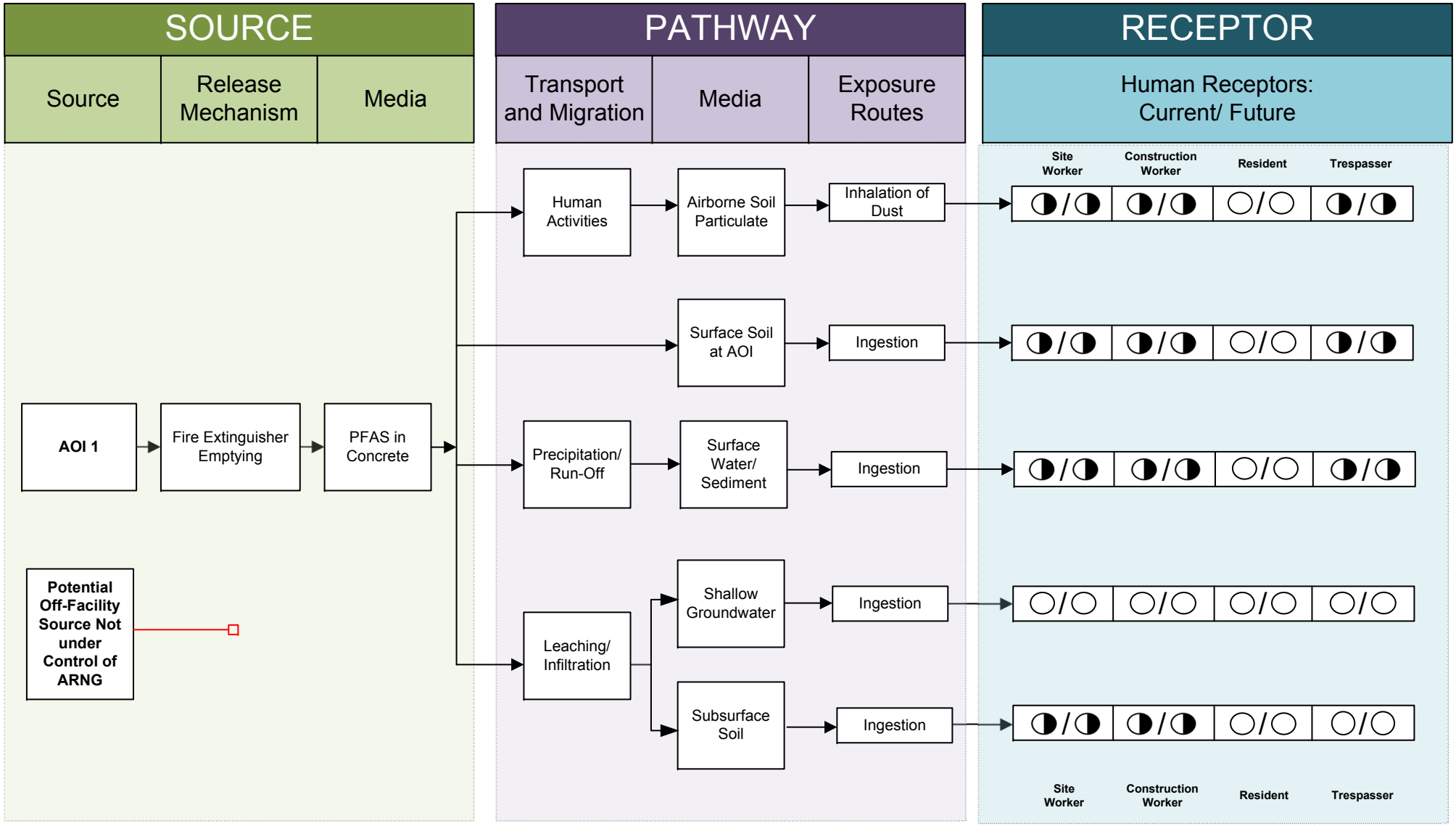
Base Map: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,		PM	RG	5/14/2019

Area of Interest

AECOM
12420 Milestone Center Drive
Germantown, MD 20876

Figure 6-1

Q:\Projects\ENV\GEARS\GEO\ARNG PFAS\900-CAD-GIS\920-GIS or Graphics\MXD\MN\StPaul_Figures\StPaul_PA_Figures\Fig_6-1_StPaul_AOIs.mxd



LEGEND

- Flow-Chart Stops
- Flow-Chart Continues
- Partial / Possible Flow
- Incomplete Pathway
- Potentially Complete Pathway
- Complete Pathway

Figure 6-2
Conceptual Site Model
AOI 1 South Hangar Ramp

7. Conclusions

This report presents a summary of available information gathered during the PA on the use and storage of AFFF and other PFAS-related activities at the St. Paul AASF Holman Field. The PA findings are based on the information presented in **Appendix A** and **Appendix B**.

7.1 Findings

One AOI related to potential PFAS release was identified (**Table 7-1**) at the AASF during the PA (**Figure 7-1**).

Table 7-1: AOIs at St. Paul AASF Holman Field

Area of Interest	Name	Used by	Potential Release Dates
AOI 1	South Hangar Ramp	MNARNG	October 2013

Based on potential AFFF releases at this AOI, there is potential for exposure to PFAS contamination in surface soil and intermittent surface water and sediments to site workers, construction workers, and trespassers via ingestion and inhalation of dust. Site workers and construction workers may also be exposed to potential PFAS contamination in subsurface soil via ingestion and inhalation of dust.

The following areas discussed in **Section 2** through **Section 5** were determined to have no suspected releases are summarized in **Table 7-2**.

Table 7-2: No Suspected Release Areas

No Suspected Release Area	Used by	Rationale for No Suspected Release Determination
Fire Truck Storage Area	MNARNG	The fire truck did not have maintenance issues and was never used for emergency response or training. The nozzles on the fire truck were tested using water only; the proportioning valve was never tested. No spills of AFFF were noted during transfer from bulk containers to the fire truck tanks.

7.2 Uncertainties

A number of information sources were investigated during this PA to determine the potential for PFAS-containing materials to have been present, used, or released at the facility. Historically, documentation of PFAS use was not required because PFAS were considered benign. Therefore, records were not typically kept by the facility or available during the PA on the use of PFAS in training, firefighting, or other non-traditional activities, or on its disposition.

The conclusions of this PA are predominantly based on the information provided during interviews with personnel who had direct knowledge of PFAS use at the facility. Sometimes the provided information was vague or conflicted with other sources. Gathered information has a degree of uncertainty due to the absence of written documentation, the limited number of personnel with direct knowledge due to staffing changes, the time passed since PFAS was first used (1969 to present), and a reliance on personal recollection. Inaccuracies may arise in

potential PFAS release locations, dates of release, volume of releases, and the concentration of AFFF used. There is also a possibility the PA has missed a source of PFAS, as the science of how PFAS may enter the environment continually evolves.

In order to minimize the level of uncertainty, readily available data regarding the use and storage of PFAS were reviewed, retired and current personnel were interviewed, multiple persons were interviewed for the same potential source area, and potential source areas were visually inspected. **Table 7-3** summarizes the uncertainties associated with the PA:

Table 7-3: Uncertainties

Area of Interest	Source of Uncertainty
All AOIs	No or limited information was available on the type, amount, and concentration of AFFF used at the facility prior to 1982.

Potential off-facility PFAS release areas exist adjacent to the AASF. These areas include property downgradient of the facility and are, therefore, unlikely to impact the AASF.

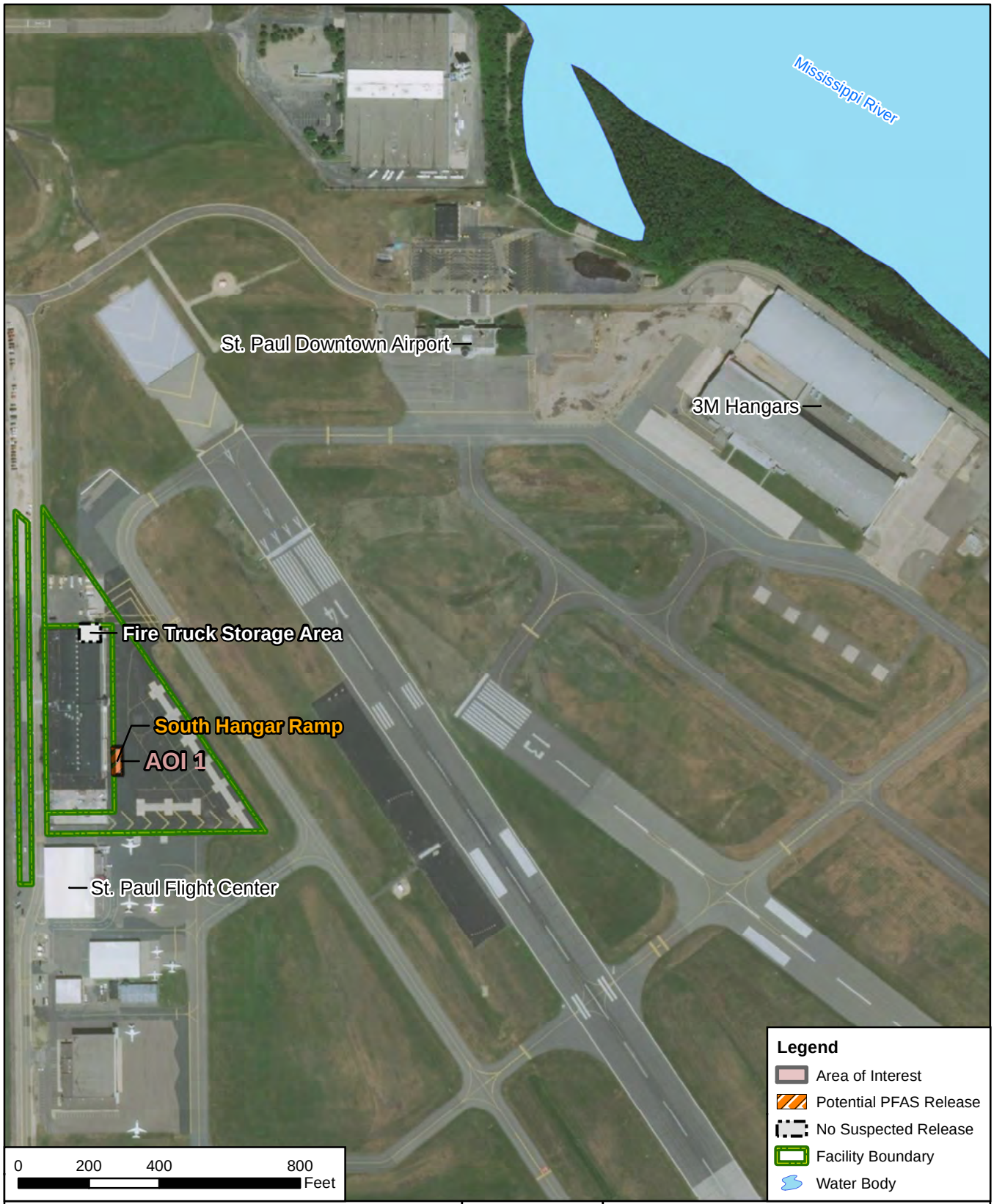
7.3 Potential Future Actions

Interviews and records (covering 1980s to present) indicate that ARNG activities may have resulted in potential PFAS releases at the AOI identified during the PA. Based on the CSM developed for the AOI, there is potential for receptors to be exposed to PFAS contamination in soil, surface water, and sediment at this AOI. **Table 7-4** summarizes the rationale used to determine if the AOI should be considered for further investigation under the CERCLA process and undergo an SI.

ARNG will evaluate the need for an SI at AOI 1 at the St. Paul Holman Field AASF based on the potential receptors, the potential migration of PFAS off the facility, and the availability of resources.

Table 7-4 PA Findings Summary

Area of Interest	AOI Location	Rationale	Potential Future Action
AOI 1 South Hangar Ramp	44°56'19.1"N 93°04'08.4"W	Approximately 12 gallons of AFFF concentrate used once in October 2013.	Proceed to an SI, focus on soil and groundwater



CLIENT	ARNG			
NOTES	Preliminary Assessment for PFAS at St. Paul AASF, MN			
REVISED	3/11/2019	GIS BY	MS	3/11/2019
SCALE	1:4,800	CHK BY	JZ	3/11/2019
Base Map: Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,		PM	RG	3/11/2019

N

Summary of Findings

AECOM
12420 Milestone Center Drive
Germantown, MD 20876

Figure 7-1

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8. References

Metropolitan Airports Commission. 2010. *St. Paul Downtown Airport (STP) Long-Term Comprehensive Plan.* June.

Minnesota Department of Health. 2018. *Human Health-Based Water Guidance Table.* Available at http://www.health.state.mn.us/divs/eh/risk/guidance/gw/table.html (Accessed 13 January 2019).

National Ground Water Association. 2018. *Groundwater and PFAS: State of Knowledge and Practice*. January.

United States Environmental Protection Agency (USEPA). 1991. *Guidance for Performing Preliminary Assessments under CERCLA.* September.

World Climate. 2019. *Average Weather Data for Saint Paul, Minnesota.* Available at http://www.worldclimate.com/climate/us/minnesota/saint-paul (Accessed 21 January 2019).

WSB & Associates, Inc. 2011. *Watershed ManagementPlan.* August.

Appendix A
Data Resources

Data Resources will be provided separately on CD. Data Resources for the St. Paul Army Aviation Support Facility include:

St. Paul AASF Leases, Licenses, and Permits

- 2005 Army Aviation Support Facility Lease and Use Agreement
- 2008 St. Paul AASF Parking Lot Parcel Deed

St. Paul AASF PFAS Release Information

- 2008 PFCs in Minnesota's Ambient Environment Progress Report
- 2009 PFCs and Class B Firefighting Foam
- 2010 PFCs and Their Use in Minnesota
- 2011 PFC Survey and Sampling Activities

Previous Investigations Completed at the St. Paul AASF

- 2010 St. Paul Downtown Airport Long-Term Comprehensive Plan
- 2011 Watershed Management Plan
- 2016 Design Drawings Fueling Facility Repairs

St. Paul AASF Facility Maps

- 2018 St. Paul Utility Map
- 2018 St. Paul Surface Water Flow Map

St. Paul AASF EDR Report

- 2018 St. Paul AASF Environmental Data Resource Report

ARMY AVIATION SUPPORT FACILITY

LEASE AND USE AGREEMENT

Metropolitan Airports Commission
6040 28th Avenue South
Minneapolis Minnesota 55450

NATIONAL GUARD LEASE AND USE AGREEMENT

TABLE OF CONTENTS

ARMY AVIATION SUPPORT FACILITY
LEASE AND USE AGREEMENT

THIS ARMY AVIATION SUPPORT FACILITY ("AASF") LEASE AND USE AGREEMENT ("Lease") is made between the Metropolitan Airports Commission, a public corporation of the State of Minnesota, at 6040 28th Avenue South, Minneapolis, Minnesota 55450 ("Commission") and **Department of Military Affairs, State of Minnesota**, ("Tenant") **at 20 West 12th Street, St. Paul, Minnesota 55155-2098.**

WHEREAS, Commission owns and/or controls the real property at **St. Paul Downtown Airport** ("Airport") located in the County of **Ramsey**, State of Minnesota; and

WHEREAS, Tenant desires to lease property at the Airport adjoining the existing AASF for **the purpose of facilitating the operation of the AASF, which use will include** aircraft **tie-down, vehicular** storage**, fuel storage, and refueling of aircraft and motor vehicles used in Tenant's operation**; and

WHEREAS, Commission is willing to lease certain property to Tenant upon the terms and conditions of this Lease, which has been approved by the **Commission** on **May 17, 2004**.

WHEREAS, the parties desire to terminate the lease for the National Guard Hangar at St. Paul Downtown Airport dated December 21, 1959; and other agreements between the parties affecting the Premises; and

NOW, THEREFORE, in consideration of the foregoing, the parties agree as follows:

1. **Definitions**

   a. Ordinance 58

   "Ordinance 58" means Metropolitan Airports Commission Ordinance 58, which regulates conduct on the Commission's airports, as amended from time to time.

   b. **[Intentionally deleted]**

c. Ordinance 87

"Ordinance 87" means Metropolitan Airports Commission Ordinance 87, which establishes rental rates, fees and other charges to be paid at the Reliever Airports, as amended from time to time.

d. Policies

"Policies" means the Reliever Lease Policies, Rules and Regulations, and all the attachments, adopted by Commission effective November 1, 2000, and as amended from time to time.

e. **[Intentionally deleted]**

2. **Description of Premises**

a. Premises

Commission leases to Tenant and Tenant leases from Commission that portion of the Airport ~~commonly~~ referred to as **Guard Operations Area**, consisting of **185,610** square feet as shown on attached Exhibit A ("Premises"). ~~During the~~ term of this Lease, title to any improvements or fixtures located on the Premises is vested in Tenant subject to the Commission's rights in such improvements and fixtures pursuant to Section **16, below**.

b. **[Intentionally deleted]**

c. **[Intentionally deleted]**

3. **Use of Premises**

a. Use

The Premises shall be used by Tenant solely for the purpose of **operating an AASF, which use will include but not necessarily be limited to (i) aircraft tie-down, vehicular storage, or such other similar uses as may be required by Tenant, including using the fuel tanks and pumps located on the Premises for the refueling of aircraft and motor vehicles used in Tenant's operations**; (ii) for the storage of aircraft; and (iii) for maintenance performed by Tenant **in the course of operating the AASF.**

b. **[Intentionally deleted]**

4. **Term**

a. Initial Term

The term of this Lease shall be **twenty-five (25)** years ("Term"), commencing on **October 1, 2003** ("Commencement Date") and expiring, unless earlier terminated, on **September 30, 2028.**

b. Holding Over

If Tenant remains in possession of the Premises after the expiration of the Term, such holding over will only create a month to month tenancy, which may be terminated by either party at the end of any calendar month, upon thirty (30) days advance written notice. In the event of such holding over, Tenant shall perform all of the terms and conditions of this Lease, except the Rent and other charges which are paid annually to Commission shall be prorated on a monthly basis and paid monthly in advance.

c. Option to Extend

During the initial Term, Tenant has the right to extend the Term to a date twenty-five (25) years from the first day of a month following the date Tenant provides the Commission written confirmation of substantial completion of improvements made to the Premises paid for in whole or part by federal funding. Tenant has the right to extend the Term under this Section only for construction projects and minor construction projects intended to extend the useful life of the facility or to expand the capability of the premises (for example, to handle different aircraft). The right to extend the lease shall not extend to projects that are primarily for other purposes, such as maintenance, sustainment or restoration. To exercise the right to extend the Term in this circumstance, Tenant shall provide written confirmation of the date the improvements were substantially completed. Tenant's right to extend may never be exercised so that the last day of the Term is more than 25 years past September 30, 2028. Commission shall provide Tenant a written acknowledgment of Tenant's extension of the Term. The terms and conditions of the Lease during any extended Term will be as follows:

(1) The rental rate shall be the rate per square foot set forth in the then current version of Ordinance 87 for storage tenants at the St. Paul Downtown Airport and shall be subject to change in the same fashion as provided for in this Lease. The imposition of any such increase shall be

subject to the limitations on imposition set out in paragraph 5 c., below.

(2) The parties may negotiate and mutually agree upon the other terms and conditions.

(3) The right to extend shall be contingent upon the Tenant being in compliance with the substantial terms of this Lease, which shall be determined by an inspection performed by the Commission in accordance with Section 9.

d. Cancellation by Tenant Due to Federal Funding

Tenant's ability to pay Rent is dependent on sufficient State or Federal appropriations being made. If funding is not appropriated for payment of Rent, Tenant may terminate this Lease upon advance written notice to Commission at least 90 days prior to termination.

e. Cancellation by Tenant if Other Facilities are Constructed

In the event Tenant constructs a new facility at St. Paul Downtown Airport for substantially the same purpose as the current AASF, Tenant shall terminate this Lease by giving Commission advance written notice not less than 365 days prior to such termination. In the event Tenant constructs a new facility at a location other than St. Paul Downtown Airport for substantially the same purpose as the current AASF, Tenant may, at its option, terminate this Lease by giving Commission advance written notice not less than 365 days prior to such termination.

5. **Rent**

a. Rent

Tenant shall pay Commission rent for the Premises in the amount of **.35¢ per square foot for the period from October 1, 2003 through September 30, 2004. For each subsequent federal fiscal year of this Lease, Tenant shall pay Commission rent for the Premises in the amount of the "per square foot" rental rates applicable to storage tenants at St. Paul Downtown Airport set forth in MAC Ordinance 87, subject to subparagraph c., below ("Rent").** Rent shall be paid to Commission at the address specified by Commission. Rent shall be paid annually in advance on or before the Commencement Date and each anniversary of the

Commencement Date, unless Tenant is notified in writing by Commission of different payment dates.

b. **[Intentionally deleted]**

c. Revision of Rents

Under Minn. Stat. § 473.651, Commission has the authority to determine the charges for the use of property under its management and control, and accordingly Commission reserves the right, from time to time, to amend rents, charges and assessments hereunder, either upwards or downwards. **Lessor understands that Tenant's ability to pay charges beyond those specifically set out herein is dependent upon funding increases from the State of Minnesota or the Federal Government. Lessor therefore agrees to provide reasonable notice of a proposed increase. Commission shall make actual imposition of any increases, including, but not limited to any increases provided for under MAC Ordinance 87, contingent on Tenant's receipt of the proposed increase in funding from the state or federal government to pay for increased charges. Tenant agrees to make timely and proper applications for funding from the state and federal government and to use good faith efforts to obtain such funding and pay for such increases. Tenant agrees to provide Commission copies of all such applications when made.**

d. **[Intentionally deleted]**

6. **Taxes and Other Charges**

a. Utilities

Tenant shall pay for all water, sanitary sewer, gas, electricity, telephone, refuse collection, storm sewer charges or other similar charges used on or attributable to the Premises, together with any taxes, penalties, interest or surcharge associated with such utilities and charges.

b. Assessments Imposed by Commission

Tenant shall pay Commission for assessments imposed in accordance with Section X.D. of the Policies and Ordinance 87. **Lessor agrees to provide reasonable notice of an assessment, and Tenant shall pay that cost in installments as specified by an agreement between the parties. Lessor understands that Tenant's ability to pay charges beyond those specifically set out herein is dependent upon funding increases from the State of**

Minnesota or the Federal Government. Commission shall make actual imposition of such assessments contingent on Tenant's receipt of the proposed increase in funding from the state or federal government to pay for such charges. Tenant agrees to make timely and proper applications for funding from the state and federal government and to use good faith efforts to obtain such funding and pay for such charges. Tenant agrees to provide Commission copies of all such applications when made.

c. Taxes and Fees Imposed by Other Authorities

(1) **Commission shall not be responsible for any taxes, fees, assessments, or other charges imposed by any other governmental authority during the Term of this Lease upon the Premises, buildings, improvements or property located thereon, or upon Tenant's use or occupancy, for whatever term deemed applicable to Tenant by that governmental authority. If such fees apply to Tenant, Tenant shall pay such fees. Lessor understands that Tenant's ability to pay fees beyond those specifically set out herein is dependent upon funding increases from the State of Minnesota or the Federal Government. Tenant agrees to make timely and proper applications for funding from the state and federal government and to use good faith efforts to obtain such funding and pay for such fees. Tenant agrees to provide Commission copies of all such applications when made.**

(2) In the event that any governmental authority imposes an assessment upon the Airport for improvements the Tenant requested from the governmental authority, then Commission shall have the option to charge Tenant for the cost of such assessment. Tenant shall pay that cost in installments as specified by **an agreement between the parties.**

7. **Compliance with Laws**

a. Compliance with Laws

Tenant shall comply with all applicable local, municipal, county, state and federal laws, regulations, rules and ordinances, now or hereafter in force, including those of Commission, **to the extent Tenant is permitted under applicable state or federal law or except as otherwise necessary for military operations**. Tenant may obtain a copy of Commission's ordinances, rules and regulations by contacting Commission. In the event of a conflict between this Lease and a Commission ordinance, the ordinance governs.

b. Reliever Lease Policies, Rules and Regulations

The terms and conditions of the Reliever Lease Policies, Rules and Regulations, and all attachments thereto **relating to operations conducted on the premises** are incorporated into this Lease. Tenant agrees to comply with the Policies, as amended from time to time, **to the extent Tenant is permitted under applicable state or federal law or regulation and except as otherwise necessary for military operations.** If there is a conflict between Lease and the Policies, this Lease shall control. Tenant may obtain a copy of the current Policies by contacting Commission. Tenant acknowledges that Tenant has received a copy of the Policies previously or upon execution of this Lease. **Provisions of said Reliever Lease Policies Rules and Regulations and attachments thereto that relate to payments to be made by tenants are not applicable because the parties contemplate that the only payments to be made under this Lease are the rental payments specifically provided for herein.**

c. **[Intentionally deleted]**

d. **[Intentionally deleted]**

8. **Quiet Enjoyment**

Upon Tenant's payment of Rent and performance of all the terms of this Lease, Tenant shall have quiet possession of the Premises for the entire Term subject to all of the Provisions of this Lease. However, Commission and its designated representatives have the right to enter the Premises for the purpose of making repairs or improvements to any adjoining premises or the Airport and to install, repair, maintain and construct through the Premises such pipes, wires and other similar items as Commission deems necessary or desirable for the operation of the Airport, **except as restricted by applicable law or military regulation relating to military aircraft, equipment, or other property.** In doing so, Commission shall use reasonable diligence to minimize disruption to Tenant's use and enjoyment of the Premises, and shall reasonably repair any damage caused by such entry.

9. **Inspection**

Commission has the right to inspect the Premises and any improvements and property located on the Premises in accordance with Section XIII.B. of the Policies, **except as restricted by applicable law or military regulation relating to military aircraft, equipment, or other property.**

10. **Construction and Improvements**

a. **[Intentionally deleted]**

b. Approval

(1) **Work, including** rebuilding, repair, fencing, outdoor signs, use of a crane, utility installation, and other work set forth in Section XX.C. of the Policies, **may not begin without the prior written consent of Commission's staff, which shall not be unreasonably withheld. However, prior written consent is not required for preventative maintenance.**

(2) **All construction and maintenance shall be at no cost to Commission and, at the request of Commission, subject to removal by Tenant of all property, equipment and fixtures and, if Commission deems it necessary, the restoration of the Premises on termination of this Lease.**

(3) **Plans from a responsible contractor for the Work must be submitted to Commission's staff for approval prior to the commencement of the Work. Commission has no duty to determine whether Tenant's plans or construction comply with applicable laws, ordinances, rules and regulations.**

(4) Tenant shall only proceed with the Work after approval from Commission's staff and after obtaining all necessary government building permits and approvals and providing copies to Commission, if requested.

c. Completion

(1) Tenant shall complete any and all work, including Work subject to Commission approval in Section 10.b., at Tenant's cost. In completing any type of work of any amount Tenant shall do or cause all work to be done in a good and workmanlike manner, within a reasonable time and in compliance with the Policies and applicable insurance

requirements, building codes, zoning ordinances, laws and regulations.

(2) **Commission will not defend and is not responsible for any liens** asserted or filed against the land, or any part thereof, or against this Lease or any building, structure or improvement on the Premises, **or for any** judgments resulting from such **liens.**

11. **Maintenance**

a. Tenant shall, at its own cost and expense, take good care of the Premises, and all improvements, buildings, structures or property located on the Premises and shall keep and maintain them in good order and repair and in a clean and neat condition. Tenant or any other individual or entity that acquires title to improvements or fixtures located on the Premises from Tenant, including, but not limited to, a leasehold mortgagee, judgment creditor or subtenant, may, without regard to the Commission's rights in the improvements and fixtures pursuant to Sections 15. and 16. but subject to the requirements set forth in this Section 11., remove improvements or fixtures from the Premises. An individual or entity intending to remove improvements or fixtures must give prior written notice to the Commission. If only fixtures are removed, the individual or entity removing the fixtures must repair any damage to the remaining improvements or fixtures and remove and properly dispose of any debris resulting from the removal of the fixtures. If improvements are removed, the individual or entity removing the improvements must: (i) remove and properly dispose of any debris resulting from the removal of the improvements; (ii) return the Premises to a buildable condition; (iii) remediate, to the reasonable satisfaction of the Commission, any environmental contamination existing on the Premises arising out of Tenant's past or present operations on the Premises or the Airport; and (iv) remove, seal or abandon in place, as reasonably required by Commission staff, any above ground or underground storage tanks, septic systems or wells located on the Premises. The obligations in the proceeding sentence shall survive termination of this Lease. For purposes of this Section 11., any hangar located on the Premises is an "improvement" and not a "fixture". The individual or entity removing the improvements or fixtures must provide the Commission with an escrow deposit at the time of notification of removal, in an amount the Commission staff reasonably determines, or other assurances acceptable to the Commission staff, in its discretion, to ensure the individual or entity's full performance of their obligations under this Section 11. Failure to comply with this Section shall be a Lease default under Section 18.a.(9).

b. Tenant shall not suffer or permit any waste or nuisance on the Premises that shall interfere with the rights or other tenants or Commission in connection with the use of Airport property not leased to Tenant.

12. **Insurance and Liability**

a. Insurance

Effective as of the earlier of the date Tenant enters or occupies the Premises or the Commencement Date, and continuing during the Lease Term, Tenant, at its expense, shall maintain in force the following insurance coverage:

(1) **Tenant shall either (i) elect to rely upon the Minnesota Tort Claims Act and/or the Federal Tort Claims Act as these Acts apply to the Tenant's operations, or (ii) maintain insurance, with underwriters satisfactory to Commission, with a standard term policy or policies of insurance in amounts equal to or greater than those afforded under the Minnesota Tort Claims Act and/or the Federal Tort Claims Act as those Acts apply to Tenant's operations. If the Tenant elects to obtain insurance, all policies shall name Commission as additional insured.**

(2) Worker's compensation insurance, **as required by law, either (i) self insurance as specified by applicable state of federal law, or (ii) maintain insurance, with underwriters satisfactory to Commission. Tenant will also be responsible to insure that all subcontractors, where applicable, provide workers compensation as required by law.**

b. **[Intentionally deleted]**

c. **Liability**

(1) **Except as otherwise provided in this Agreement, Tenant and Commission agree that neither party shall be liable for damages to property or injuries to individuals arising from acts of the other under the terms of this Agreement or occurring as a consequence of the performance of responsibilities under this Agreement.**

(2) **Tenant and** Commission **agree that each** shall give reasonable notice of any such claim or action. **Each party**

shall provide to **each other** all information, records, statements, photographs, video, or other documents reasonably necessary to defend any claims, **except as restricted by applicable law or military regulation.**

(3) The provisions of this Section shall survive expiration or earlier termination of this Lease.

d. Appropriate Use

Tenant shall not use or permit the Premises to be used in any manner **other than as described in this Agreement without the written approval of Commission.**

13. **Damage or Destruction**

a. Commission's Termination Right

If the Airport is damaged by fire or other casualty to an extent that Commission reasonably determined to discontinue operation of the Airport for twenty-four (24) months or more, Commission has the right to terminate this Lease by notifying Tenant within sixty (60) days of the damage or destruction. If Commission terminates this Lease, all rent and other charges due to Commission shall cease as of the date of the damage or destruction.

b. Rent Abatement

If Tenant, through no fault of its own, suffers loss: (i) by being prevented beyond a reasonable length of time, from using the public portion and public facilities of the Airport due to flooding or for reasons other than those occasioned by meteorological conditions; or (ii) because any governmental agency through its sovereign power, beyond a reasonable length of time, stops, suspends or seriously limits the Tenant's use of the public portion and public facilities of the Airport; then Tenant during such periods shall not be liable for any Rent provided the Premises are not used by Tenant or subtenants of Tenant. In these situations, Tenant shall not be entitled to any compensation for loss or damage from Commission other than this rent abatement.

c. Tenant's Termination Right

If the improvements on the Premises are damaged by fire or other casualty, Tenant shall either terminate this Lease or restore, replace and rebuild the improvements to the same or better condition. Tenant's election must be provided to Commission in writing within sixty (60) days of the damage.

(1) If Tenant elects to Terminate this Lease, Tenant must: (i) remove any debris and eliminate any environmental contamination caused by the damage; (ii) return the Premises to buildable condition; and (iii) surrender the Premises in accordance with the terms and conditions of this Lease. This Lease, and all rent and other charges due to Commission, shall not terminate unless and until Tenant fulfills such obligations.

(2) If Tenant elects to restore the improvements, Tenant must: (i) remove any debris and eliminate any environmental contamination caused by the damage; (ii) return the Premises to buildable condition; (iii) rebuild the improvements, to the same or better condition in compliance with the requirements of Section 10. If Tenant elects to restore the improvements but this Lease is terminated before restoration is complete, then Tenant must comply with the removal requirements set forth in Section 11.

All of the above must be fulfilled within twelve (12) months of the date of such damage, plus any additional period reasonably granted by Commission's staff due to delays beyond Tenant's reasonable control.

14. **[Intentionally Deleted]**

a. **[Intentionally deleted]**

b. **[Intentionally deleted]**

c. **[Intentionally deleted]**

15. **[Intentionally deleted]**

16. **Surrender of Premises by Tenant**

a. Upon the expiration or termination of this Lease, except as set forth in Sections 13., Tenant must either remove all improvements and fixtures, (in which case Tenant must comply with all requirements of Section 11.) or transfer ownership of the improvements to a prospective tenant, which must be approved by Commission. Commission's approval of such a transfer will not be unreasonably withheld. If Tenant does not accomplish this within ninety (90) days of the termination or expiration of this Lease, or within a reasonable extension of time if more than ninety (90) days is needed, Commission becomes the owner of the improvements, except as stated below. Commission will then use commercially reasonable efforts to sell the improvements; however, Commission shall not be required to make any upgrades or repairs for purposes of selling the improvements. Commission is entitled to determine the terms of the sale in its sole and absolute discretion. In the event Commission is unable to sell the improvements within 180 days of acquiring ownership, Commission shall have the option to discontinue marketing the improvements and may thereafter demolish the improvements. Commission may, after demolition of the improvements, lease the Premises to another tenant. The foregoing notwithstanding, if below average market conditions have attributed to the inability of Commission to sell the improvements, and the improvements are not hazardous to public health or safety, the 180 day period shall be extended an additional 180 days or such longer period as is reasonably determined by Commission prior to demolition thereof.

b. If Commission sells the improvements, the proceeds from the sale will be used first to: (a) satisfy any debts due to Commission from Tenant including, but not limited to, rent, late fees, interest, penalties, attorney fees and all costs of collections, and (b) to reimburse Commission for all reasonable costs of acquisition, administration and sale of the buildings, including, but not limited to attorneys' fees, appraisal and marketing costs, brokerage fees or commissions, repair and remodeling of the improvements, any environmental studies conducted by Commission, and any costs incurred by Commission to bring the buildings and other improvements into compliance with all applicable laws, including environmental laws. Any proceeds remaining after payment of all costs of Commission shall be paid to Tenant. Any amount received by Commission as a result of the sale of improvements shall not in any way limit Tenant's liability to Commission for amounts owing to Commission pursuant to the terms and conditions of this Lease.

c. Fuel and other tanks, wells and septic systems remain the property of the Tenant and must be, at the sole option of Commission, and at the sole cost and expense of Tenant: (a) removed, properly abandoned by Tenant in compliance with all applicable laws; (b) repaired, modified, or upgraded by Tenant; or (c) transferred to a new tenant having a lease on the Premises.

17. **[Entire Section Intentionally Deleted]**

18. **Default**

a. Events of Default

Any of the following shall constitute a default under this Lease:

(1) Tenant fails to pay money owed to Commission under this Lease when due, and such failure continues for ten (10) days after written notice from Commission to Tenant.

(2) Tenant uses the Premises for any purpose not authorized by this Lease and such default continues for ten (10) days following written notice from Commission to Tenant.

(3) Tenant fails to allow an inspection in accordance with the terms and conditions of this Lease and such default continues for ten (10) days following written notice from Commission to Tenant.

(4) Tenant assigns, subleases or transfers this Lease except as otherwise permitted, and such default continues for ten (10) days following written notice from Commission to Tenant.

(5) **[Intentionally deleted]**

(6) Tenant vacates or abandons the Premises, and such default continues for ten (10) days following written notice from Commission to Tenant.

(7) **[Intentionally deleted]**

(8) Tenant (a) makes a general assignment for the benefit of creditors; (b) commences any case, proceeding or other action seeking to have an order for relief entered or to adjudicate Tenant bankrupt or insolvent, or seeking reorganization, arrangement, adjustment, liquidation, dissolution or composition of it or its debts or seeking appointment of a receiver, trustee, custodian or other similar

official for it or for all of any substantial part of its property; or (c) involuntarily becomes the subject of any proceeding for relief which is not dismissed within sixty (60) days of its filing or entry.

(9) Tenant fails to comply with any other **material** term or condition of this Lease and such default continues for more than thirty (30) days after written notice from Commission to Tenant, or for a longer period of time as may be reasonably necessary to cure the default, but only if: (i) Tenant is reasonably capable of curing the default, and (ii) is working diligently as determined by Commission to cure the default.

b. Commission Remedies

If a **material** default occurs, Commission, at its option and in its sole discretion, may at any time thereafter do one or more of the following to the extent permitted by applicable law **or military regulation**:

(1) Commission may, without releasing Tenant from its obligations under the Lease, attempt to cure the default. Commission may enter the Premise for such purpose and take such action as it deems desirable or appropriate to cure the default. This entry is not an eviction of Tenant or a termination of this Lease;

(2) With legal process, but without further notice to Tenant, re-enter the Premises or any part thereof and take possession of it fully and absolutely, without such re-entry working a forfeiture of the money to be paid and the terms and conditions to be performed by Tenant for the full Term of this Lease. Commission's re-entry of the Premises is not a termination of this Lease. In the event of such re-entry, Commission may proceed for the collection of money to be paid under this Lease or for properly measured damages;

(3) Terminate this Lease upon written notice to Tenant and re-enter the Premises as of its former estate, **and** implement the provisions of Section 16.; and

(4) Exercise all other rights and remedies including injunctive relief, ejectment or summary proceedings such as an eviction action and any other lawful remedies, actions or proceedings.

c. Cumulative Default

Notwithstanding the notice and cure periods set forth above, and subject to the inspection procedures set forth in the Policies, Commission shall only be required to provide Tenant with notice and opportunity to cure two (2) Cumulative Defaults in any calendar year. Only for purposes of this paragraph, Cumulative Default means: (i) Tenant's failure to pay money due under this Lease; (ii) Tenant's failure to comply with the use of Premises section of this Lease; and (iii) any **material** violation of the terms and conditions of this Lease which has the likelihood in Commission's reasonable discretion to cause harm to life or property. In addition, Commission shall only be required to provide Tenant with notice and opportunity to cure two (2) defaults of failing to allow an inspection of the Premises in any calendar year. Beginning with the third (3rd) Cumulative Default or third (3rd) failure to allow an inspection in any calendar year, Commission will not be required to provide notice and opportunity to cure and may immediately take such action as Commission deems appropriate under this Lease.

d. **[Intentionally deleted]**

19. **Environmental Responsibilities**

a. Definitions

(1) "Environmentally Regulated Substances" means any element, compound, pollutant, contaminant, or toxic or hazardous substance, material or waste, or any mixture thereof, regulated pursuant to any Environmental Law, including but not limited to products that might otherwise be considered of commercial value, such as asbestos, polychlorinated biphenyls, petroleum products and byproducts, glycol and other materials used in de-icing operations.

(2) "Environmental Law" means any common law or duty, case law or ruling, statute, rule, regulation, law, ordinance or code, whether local, state or federal **which is applicable to Tenant's activities under this Lease** that regulates, creates standards for or imposes liability or standards of conduct **concerning** any element, compound, pollutant, contaminant, or toxic or hazardous substance, material or waste, or any mixture thereof, including but not limited to products that might otherwise be considered of commercial value, such as asbestos, polychlorinated biphenyls, petroleum products and

byproducts, glycol and other materials used in de-icing operations.

b. **Liability**

(1) **Except as otherwise provided in this Agreement, Tenant and Commission agree that neither party shall be liable for damages to property or injuries to individuals arising from acts of the other under the terms of this Agreement or occurring as a consequence of the performance of responsibilities under this Agreement.**

(2) **Tenant and Commission agree that each shall give reasonable notice of any such claim or action. Each party shall provide to each other all information, records, statements, photographs, video, or other documents reasonably necessary to defend any claims, except as restricted by applicable law or military regulation.**

(3) **The provisions of this Section shall survive expiration or earlier termination of this Lease.**

c. Compliance with Environmental Laws

Tenant shall keep and maintain and shall conduct its operations on the Premises and Airport in full compliance with all applicable Environmental Laws. Tenant shall further ensure that its employees, agents, contractors and subcontractors occupying or present on the Premises and Airport comply with all applicable Environmental Laws. By virtue of its operational control of the Premises, Tenant shall be fully responsible for obtaining all necessary permits or other approvals under the Environmental Laws and shall have full responsibility for signing and submitting any necessary applications, forms, documentation, notifications, certifications, or other governmental submittals relating thereto. Upon the request of Commission, Tenant shall provide copies to Commission of any such applications, forms, documentation, notifications or certifications.

Tenant agrees that any **future** installation of tanks, wells or septic systems shall only occur if such installations are in compliance with applicable **law and regulation**, and only after prior written approval of Commission. Notwithstanding the above, Tenant accepts title and ownership to (i) any tanks, septic systems or wells existing on the Premises at the time of execution of this Lease and used by the Tenant in its operations, and (ii) any tanks, septic systems or wells installed at any time during the Term of this Lease.

d. Testing and Reports

Tenant shall provide to Commission, within ten (10) days of receipt, a copy of any notice regarding a violation of the Environmental Laws arising out of Tenant's past or present operations on the Premises and Airport, a copy of any report, whether in final or draft form, regarding compliance with Environmental Laws or with the presence, use, emission or release of any Environmentally Regulated Substances arising out of Tenant's past or present operations on the Premises and Airport, or a copy of any notice of the emission or release of Environmentally Regulated Substances in violation of the Environmental Laws arising out of Tenant's past or present operations on the Premises and Airport. If Commission has a reasonable basis to believe that Tenant is not meeting the obligations of Section 19.c. hereof, Commission may require Tenant to perform reasonable environmental studies or assessments (for example, but not limited to, Phase I or Phase II reports as such terms are generally known on the date of execution of this Lease) on the Premises with the written results being delivered to the Commission within ten (10) days of their receipt, whether in draft or final form.

e. Notification

Tenant shall immediately notify Commission in writing of any matter Tenant obtains knowledge of that constitutes any emission, spill or release or any threatened emission, spill or release of any Environmentally Regulated Substance in, on, under or about the Premises and Airport arising out of Tenant's past or present operations which is or may be in violation of the Environmental Laws. Tenant shall promptly notify Commission verbally of any fuel spill or any other spill caused or resulting from Tenant's operations on the Premises and Airport.

f. Right to Investigate

Commission shall have the right, but not the obligation or duty, anytime from and after the date of this Lease, to investigate, study and test the Premises, at Commission's own expense, and without unreasonably interfering with Tenant's operations on and use of the Premises, to determine whether Environmentally Regulated Substances are located in, on or under the Premises, or were emitted or released therefrom, which are not in compliance with Environmental Laws. Commission's investigation of the Premises under this provision shall be in accordance with the subject to the Inspection Procedures established in the Policies. Commission shall pay Tenant the cost to repair any damage to the Premises caused by Commission's investigation, study or testing.

g. Right to Take Action

Commission shall have the right, but not the duty or obligation, to take whatever reasonable action it deems appropriate to protect the Premises and Airport from any material impairment to its value resulting from any escape, seepage, leakage, spillage, discharge, deposit, disposal, emission or release of Environmentally Regulated Substances from the Premises and Airport which violates any Environmental Law and arises out of Tenant's past or present operations on the Premises and Airport. Commission shall notify Tenant of its intention to take such action in writing thirty (30) days before proceeding under this section. Within such thirty (30) day period, Tenant shall have the opportunity to take whatever reasonable action is deemed appropriate by Commission to cure the matter of concern or provide Commission a binding commitment to do so within a reasonable time. If Tenant does not take such action or provide a binding commitment within the thirty (30) day period, Commission may proceed under the terms of this Section 19.

h. Claims Relating to Environmentally Regulated Substances

Tenant represents and warrants that, since the time Tenant commenced operations on the Premises or took or assumed an interest in the Premises, to the best of Tenant's knowledge (except for matters that have been corrected in accordance with law) (i) no enforcement, investigation, cleanup, removal, re-mediation or response or other governmental or regulatory actions have, or could have at any time, been asserted or threatened with respect to Tenant's past or present operations conducted on the Premises or Airport, or the Premises itself, or against Tenant with respect to or in any way regarding the Premises, pursuant to any Environmental Laws, or relating to Environmentally Regulated Substances; (ii) no violation or noncompliance with Environmental Laws has occurred with respect to the Premises or Tenant's past or present operations thereon; (iii) no claims with respect to the Premises or Tenant's past or present operations thereon, or against the Tenant with respect to the Premises or Airport or Tenant's past or present operations thereon relating to Environmental Laws or Environmentally Regulated Substances, have been made or been threatened by any third party, including any governmental entity, agency or representative. For purposes hereof, "the best of Tenant's knowledge" shall mean the actual knowledge (without any duty to inquire) of the person within the Tenant's operations that has the primary responsibility for ensuring compliance with Environmental Laws.

20. **Non-Discrimination**

a. General

Tenant, for itself, and its heirs, representatives, successors and assigns, as part of the consideration herein, hereby covenants and agrees, as a covenant running with the land, that (1) no person, on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of the Premises; (2) that in the construction of any improvements on, over, or under the Premises, and the furnishing of services thereon, no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination; and (3) Tenant shall use the Premises in compliance with all other **applicable** requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-Discrimination in federally Assisted Programs of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964, as amended from time to time.

b. Improvements

Tenant, for itself, and its heirs, representatives, successors and assigns, as part of the consideration herein, hereby covenants and agrees, as a covenant running with the land, that in the event improvements are constructed, maintained or otherwise operated on the Premises for a purpose for which a program or activity of the Department of Transportation is extended or for another purpose involving the provision of similar services or benefits, Tenant shall operate such improvements and services in compliance with all other **applicable** requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-Discrimination in Federally Assisted Programs of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act 1964, as amended from time to time.

c. **[Intentionally Deleted]**

21. **Civil Rights**

Tenant agrees that it will comply with applicable laws, statutes, Executive Orders and rules that are promulgated to assure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or handicap be excluded from participating in any activity conducted with or benefiting from federal assistance.

This provision obligates Tenant or its transferee for the period during which federal assistance is extended to the Airport, except where federal assistance is to provide, or is in form of personal property or real property or interest therein or structures or improvements thereon. In these cases, the provision obligates the party or any transferee for the longer of the following periods: (1) the period during which the property is used by the sponsor or any transferee for a purpose for which federal assistance is extended, or for another purpose involving the provision of similar services or benefits; or (2) the period during which the Airport sponsor or any transferee retains ownership or possession of the property.

22. **Commission's Operation of the Airport**

Commission shall properly maintain, operate and manage the Airport at all times in a safe manner, according to generally accepted good practices in the State of Minnesota for airports of similar size and character. If for any reason beyond the control of Commission (including, but not limited to, war, strike, riots, and civil commotion), Commission fails to properly maintain, operate or manage the Airport, such failure is not a breach of this Lease and Commission is not liable in damages. This paragraph does not require Commission to operate an airport traffic control tower at the Airport unless, in the judgement of Commission, such is deemed necessary, nor does this paragraph bind Commission to maintain the Premises.

23. **Use**

a. **Subject to the terms and conditions of this Lease, Tenant shall have the use, in common with other users of the airport of the Jointly Used Flying Facilities, together with all necessary and convenient rights of ingress and egress to and from the Jointly Used Flying Facilities, the AASF, and the Premises.**

b. **The parties agree that the current level of use of the Jointly Used Flying Facilities at the Airport by the Tenant does not constitute a "substantial use" as defined under Title 49, United States Code, Chapter 471 "Airport Development" (49 U.S.C. Sections 47101-47129). Accordingly, the Tenant's use of said facilities meets the criteria for use without charge under Chapter 471, which provides that, in airports developed with financial assistance from the United States, facilities usable for the takeoff and landing of aircraft will be available without charge for use by Government aircraft in common with other aircraft, so long as such use is not substantial.**

c. **In the event that the nature or extent of the Tenant's use changes so as to constitute a substantial use as set out in said Chapter 471, the parties shall either amend this Lease or enter**

into a separate agreement concerning said Jointly Used Flying Facilities.

d. For the purposes of this Lease, the Jointly Used Flying Facilities at the Airport are the runways, taxiways, lighting systems, navigational aids, markings and appurtenances, including all improvements and facilities pertaining thereto and situated thereon and all future addition, improvements and facilities thereto as may be added or constructed from time to time. The Jointly Used Flying Facilities do not include land areas used exclusively by Tenant or the terminal buildings, hangars, non-government parking aprons and ramps or other areas used exclusively by the Commission or its lessees, permittees, or licensees for civilian or commercial purposes.

24. Use Not Exclusive

Tenant shall have the right to conduct all operations authorized pursuant to the terms of this Lease, provided, however, that this Lease shall not be deemed to grant to Tenant, or those claiming under Tenant the exclusive right to use any part or portion of the Airport other than the Premises.

25. General Provisions

a. Airport Access

Tenant has the privilege of using the public portions of the Airport, such as runways and other public facilities, under such terms, ordinances, rules and regulations as now exist or may be enacted by Commission, and subject to charges for such use as may be established by Commission, by ordinance or agreement with Tenant.

b. Waiver

The waiver by Commission or Tenant of any breach of any term of this Lease shall not be deemed a waiver of any prior or subsequent breach of the same term or any other term of this Lease.

c. Headings

The headings in this Lease are for convenience in reference and are not intended to define or limit the scope of any provision of this Lease.

d. Entire Agreement

This Lease represents the entire agreement between the parties and supercedes any prior agreements regarding the Premises. This Lease may only be modified if done in writing and executed by both parties.

e. **Termination of Old Agreements**

This Lease terminates the agreement dated December 21, 1959, by and between the Armory Board, National Guard Hangar, Holman Field, St. Paul, Minnesota, and the Minneapolis-St. Paul Metropolitan Airports Commission and any other agreements between the parties affecting the premises.

f. Severability

If any part of this Lease shall be held invalid, it shall not affect the validity of the remaining parts of this Lease, provided that such invalidity does not materially prejudice either party under the remaining parts of this Lease.

g. Governing Law

This Lease shall be governed by Minnesota Law, **except as superceded by applicable federal law or regulation.**

h. Public Data

Commission shall use reasonable care to treat matters pertaining to Tenant's business in a confidential manner to the extent permitted by law. This Lease, and the information related to it, are subject to the Minnesota Government Data Practices Act, which presumes that data collected by Commission is public data unless classified otherwise by law.

i. Commitments to Federal and State Agencies

Nothing in this Lease shall be construed to prevent Commission from making such commitments as it desires to the Federal Government or the State of Minnesota in order to qualify for the expenditure of Federal or State funds on the Airport.

j. Successors

This Lease shall extend to bring the legal representatives, successors and assigns of the parties to this Lease.

k. Relationship of Parties

Nothing contained in this Lease shall be deemed to create a partnership, association or joint venture between Commission and Tenant, or to create any other relationship between the parties other than that of landlord and tenant.

l. Multiple Parties

If more than one person or entity is named as the Tenant, the obligations of the Tenant shall be the joint and several responsibilities of all persons or entities named as Tenant.

m. Consent and Approvals

Whenever in this Lease the consent or approval of Commission is required, such phrase means the formal approval or consent of Commission through a meeting of the Metropolitan Airports Commission. When the consent or approval of Commission's staff is required, such phrase means the consent or approval from the appropriate employee or agent of Commission.

n. Notice

Any notice required under this Lease shall be in writing and delivered in person or by courier or mailed by certified mail, return receipt requested by United States Mail, postage prepaid addressed as follows:

Commission: Metropolitan Airports Commission
Attn: Manager of Administration, Reliever Airports
6040 28th Avenue South
Minneapolis, Minnesota 55450-2799

Tenant: The address in the first paragraph of this Lease

Notice is deemed given (i) two business days after being deposited in the mail, whether or not the notice is accepted by the named recipient, or (ii) if delivered by any other means, the date such notice is actually received by the named recipient. Either party may change

the party's address for notice by providing written notice to the other party.

IN WITNESS WHEREOF, Commission and Tenant have executed this Lease as of the dates indicated below.

COMMISSION: METROPOLITAN AIRPORTS COMMISSION

By: _____

Name: Timothy L. Anderson

Title: Deputy Executive Director/Ops

Date: 6/3/04

TENANT : STATE OF MINNESOTA, DEPARTMENT OF MILITARY AFFAIRS

_____

By: LARRY W. SHELLITO,
Major General,
Minnesota Army National Guard

Title: ADJUTANT GENERAL OF MINNESOTA

Date: 7 June 2004

EXHIBIT A

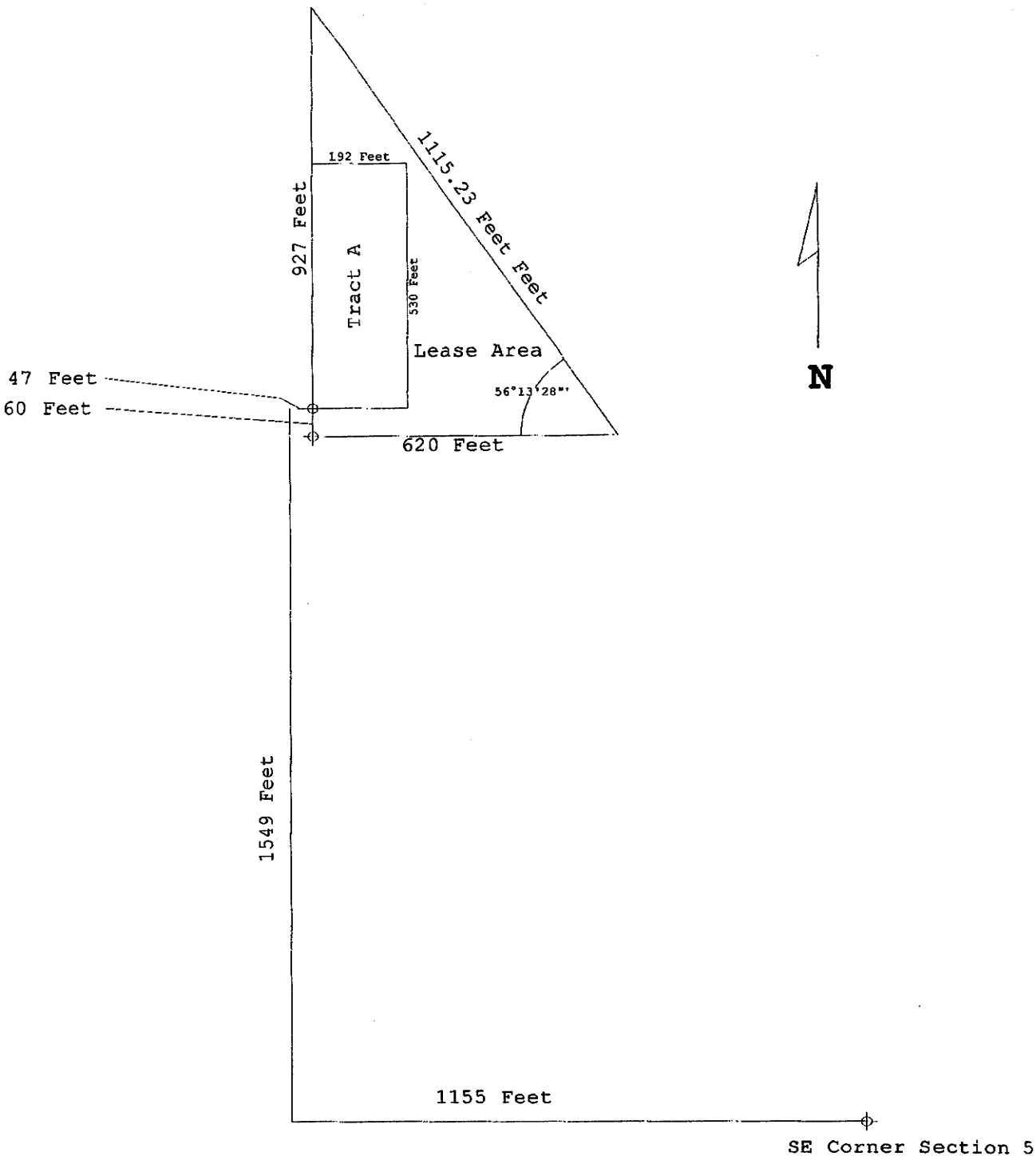
Army Aviation Facility Lease and Use Agreement

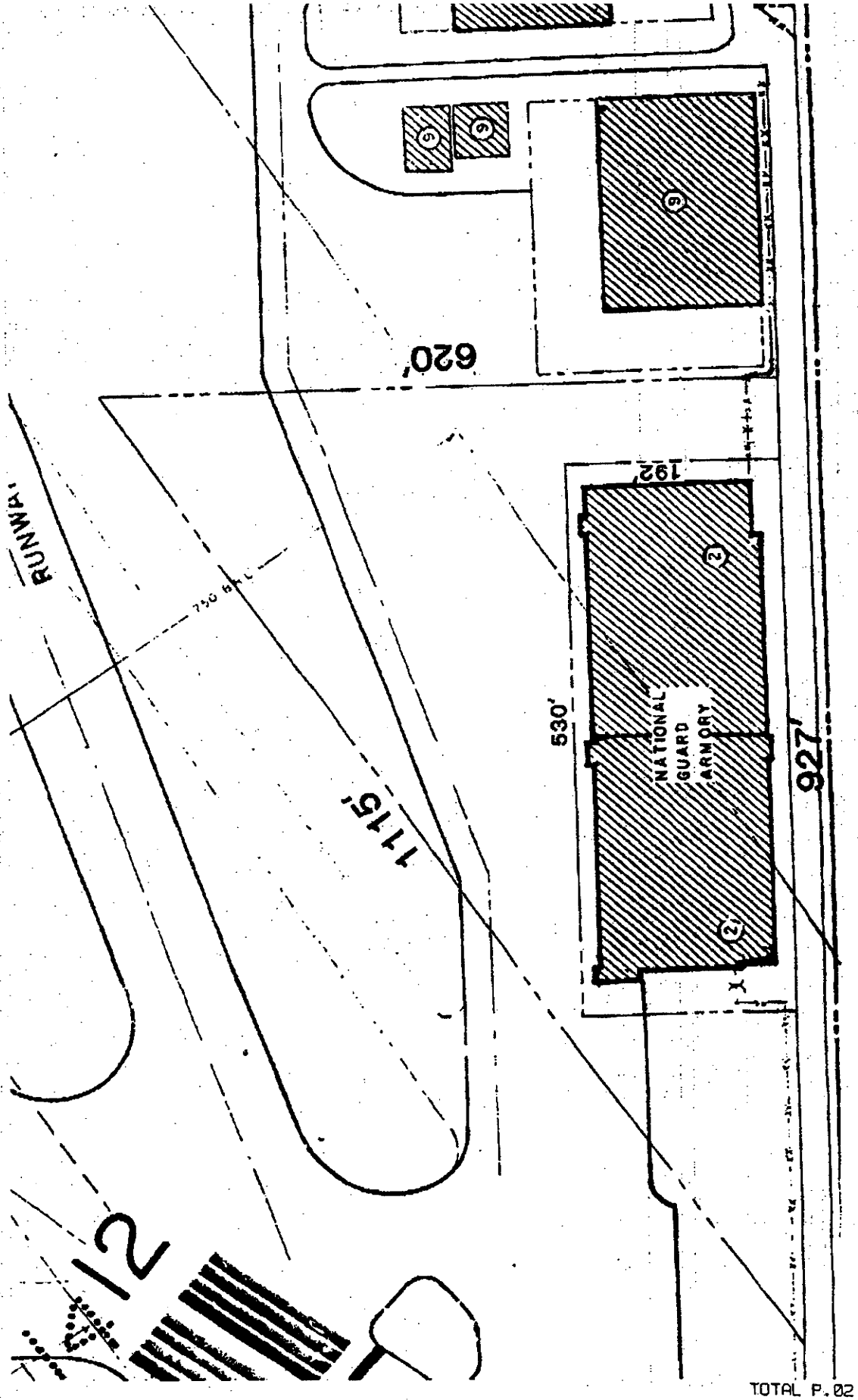
Description of Premises

A tract of land lying in Government Lot 12 Township 28 North, Range 22 West of the Fourth Principal Meridan, bounded by a line described as follows: Commencing at the southeasterly corner of said Section 5, thence westerly on the south line of said section 5 to the westerly boundary of the St. Paul Municipal Airport, a distance of 1155 feet, thence northerly along the westerly boundary of said airport a distance of 1549 feet, thence easterly at a right angle with the last described line a distance of 47 feet to the Southwest corner of Tract A, thence south at a right angle a distance of 60 feet to point of beginning of leased tract of land, thence east and parallel of the south boundary of Minnesota National Guard Property a distance of 620.00 feet, thence northwesterly at a angle of 56° 13' 28" a distance of 1115.23 feet, thence south and parallel with the west boundary of Minnesota National Guard Property a distance of 927.00 feet to point of beginning and there terminating and excluding Tract A identified below.

Tract A-Minnesota National Guard Property described as a tract of land lying in Government Lot 12 Township 28 North, Range 22 West of the Fourth Principal Meridan, bounded by a line described as follows: Commencing at the southeasterly corner of said Section 5, thence westerly on the south line of said section 5 to the westerly boundary of the St. Paul Municipal Airport, a distance of 1155 feet, thence northerly along the westerly boundary of said airport a distance of 1549 feet, thence easterly at a right angle with the last described line a distance of 47 feet to the point of beginning of the tract of land hereby conveyed, thence northerly at a right angle with last described line a distance of 530 feet, thence easterly at a right angle with the last described line a distance of 192 feet, thence southerly at a right angle with last described line a distance of 530 feet, thence westerly at a right angle with last described line a distance of 192 feet to the point of beginning.

EXHIBIT A, Continued





TOTAL P.02

TOTAL P.32

HEARTLAND TITLE
18 SOUTH 15TH AVENUE * P.O. BOX 518
ST. CLOUD, MN 56302
TELEPHONE (320)253-8860 * FAX (320)253-5606
E-MAIL INFO@HEARTLANDTITLELLC.COM

FAX TRANSMITTAL

DATE: _____

TO: Gregg S.

FROM: Dave

RE: _____

NUMBER OF PAGES INCLUDING THIS PAGE: _____

MESSAGE: Here is a copy of the deed for the other airport parcel. I'm waiting for rest of info for so I can ship out commitment.

RECORDED ON

DEC 20 1991

Abstract Property

NO DELINQUENT TAXES AND TRANSFER ENTERED

DEC 20 1991

LOU McKENNA, DIRECTOR

Authorization No. P-2623

DEED NO. 56086

2629404

THE GRANTOR, MIDWESTERN RAILROAD PROPERTIES, INCORPORATED, a Delaware corporation, whose principal office is located at 165 N. Canal Street, Chicago, Illinois, for the consideration of THIRTY-EIGHT THOUSAND FIVE HUNDRED AND NO/100 DOLLARS ($38,500.00), conveys and quitclaims to STATE OF MINNESOTA, DEPARTMENT OF MILITARY AFFAIRS of St. Paul, Minnesota 55155, GRANTEE, all interest in the following described real estate situated in the County of Ramsey, and the State of Minnesota, to wit:

TRACT A:

That part of Government Lots 4 and 12 of Section 5, Township 28 North, Range 22 East, Ramsey County, Minnesota, being a strip of land 35 feet in width, which lies between two lines running parallel with and distant 15 feet and 50 feet Easterly of the main track center line of the Chicago, Rock Island and Pacific Railroad Company (formerly the St. Paul Terminal and Transfer Company) now Midwestern Railroad Properties, Incorporated, as said main track was originally located and established over and across said Section 5 and within a distance of 1,299.82 feet Southerly of the Easterly extension of the Southerly line of Government Lot 5 of said Section 5; excepting therefrom that part thereof contained within the following described tract: Commencing at the Southeast corner of said Government Lot 5; thence Easterly on the Southerly line of said Government Lot 5 produced, 71.44 feet; thence South 00 degrees 06 minutes 00 seconds East, 198.77 feet to the point of beginning of the tract to be described; thence North 00 degrees 06 minutes 00 seconds West, through said point on the Southerly line of said Government Lot 5 produced and on a line intersecting the Northerly line of St. Lawrence Street produced Northeasterly, distant 87.48 feet Northeasterly from the Southeasterly corner of Dunwell and Spencer's Addition to Brooklynd, 870.05 feet; thence Easterly on a line parallel to the Southerly line of said Government Lot 5 produced, 119 feet; thence South 00 degrees 39 minutes 00 seconds East on a line parallel to the Easterly line of said Government Lot 5, a distance of 979.63 feet; thence Northwesterly in a direct line, 167.63 feet to the point of beginning;

Deed tax hereon due $ 137.95

Excepting and Reserving, however, unto the Grantor, its lessees, licensees, successors and assigns, the right to continue to protect, maintain, operate, and use any and all existing drainage, driveways, conduits, sewers, water mains, gas lines, electric power lines, communication lines, wires and other utilities, and easements of any kind whatsoever on said premises, including the repair, reconstruction and replacement thereof.

By the acceptance of this conveyance, the Grantee, for itself and/or its heirs, successors, transferees and assigns, hereby agrees:

01156
RAMSEY COUNTY
MINNESOTA
DEED TAX AMOUNT 137.95

Page 1 of 3 Pages

AGRICULTURAL CONSERVATION
FEE PAID
RAMSEY COUNTY

122091 0000149918 CASH 15.00

2629404

DEED NO. 86686

Authorization No. P-2623

(1) To assume the total expense of erecting and maintaining a bumper-high barricade and/or fence along the Westerly boundary line (trackside boundary) of the above described real estate, if Grantee relocates the existing roadway Westerly onto the above described real estate and all vehicle parking is confined to the area East of the relocated roadway, the fence or bumper-high barricade will not be required.

(2) Not to alter drainage conditions of the above described real estate in such a way as to adversely affect the remaining real estate of the Grantor.

(3) To take all steps necessary, at no expense to Grantor, to comply with any and all governmental requirements relating to land platting and use.

✓ Grantor certifies that there are no wells on the subject property.

Pursuant to Section 3.2 of Article III of the Mortgage, Deed of Trust, Assignment of Leases and Rents, Security Agreement and Financing Statement dated as of October 27, 1989, as modified, (the "Mortgage") and recorded in the Office of the Register of Deeds in and for Ramsey County as Document Number 2616777, the Grantor hereby certifies that (a) this deed and conveyance is made pursuant to the provisions of Section 3.2 of Article III of said Mortgage, (b) the provisions of said Section 3.2 of Article III have been complied with and (c) the property hereby conveyed may be conveyed free from the lien of said Mortgage and is hereby conveyed free from the lien of said Mortgage.

DATED this 20th day of June, 19 91.

Signed, Sealed and Delivered in Presence of:

Barthelia Foster

Penny Neuchop

MIDWESTERN RAILROAD PROPERTIES, INCORPORATED

By Richard B. Taylor
RICHARD B. TAYLOR, Vice President

Attest K. A. Dombrowski
K. A. DOMBROWSKI, Asst. Secretary

2629404

STATE OF ILLINOIS)
) SS
COUNTY OF C O O K)

I, RICHARD S. KENNERLEY, a Notary Public duly commissioned and qualified in and for the County and State aforesaid, DO HEREBY CERTIFY that RICHARD G. TAYLOR and K. A. DOMBROWSKI , to me personally known and known to me to be, respectively, Vice President and Assistant Secretary of MIDWESTERN RAILROAD PROPERTIES, INCORPORATED, a Delaware corporation, and the identical persons whose names are subscribed to the foregoing instrument, appeared before me this day in person, and being first duly sworn by me, severally acknowledged to me that they are, respectively, Vice President and Assistant Secretary of said corporation; that as such officers they signed, sealed and delivered said instrument in behalf of said corporation by authority and order of its Board of Directors, as the free and voluntary act and deed of said corporation, and as their own free and voluntary act; that the seal affixed to said instrument is the seal of said corporation; and that said corporation executed said instrument for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal as such Notary Public, at Chicago, Illinois, this 20th day of June, 1991.

OFFICIAL SEAL
RICHARD S. KENNERLEY
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXP. NOV. 8, 1992

Notary Public, In and for the County of Cook, In the State of Illinois
RICHARD S. KENNERLEY

My Commission Expires: November 8, 1992

Conveyance of land described by this instrument is hereby approved and is entitled to recording and subdividing.

CITY OF SAINT PAUL

By _____ 10-1-91
For Planning Administrator Date

1200
15-

Pd By/Bill

RECORDED

DEC 20 1991

Exempt By 67.260(b)

215

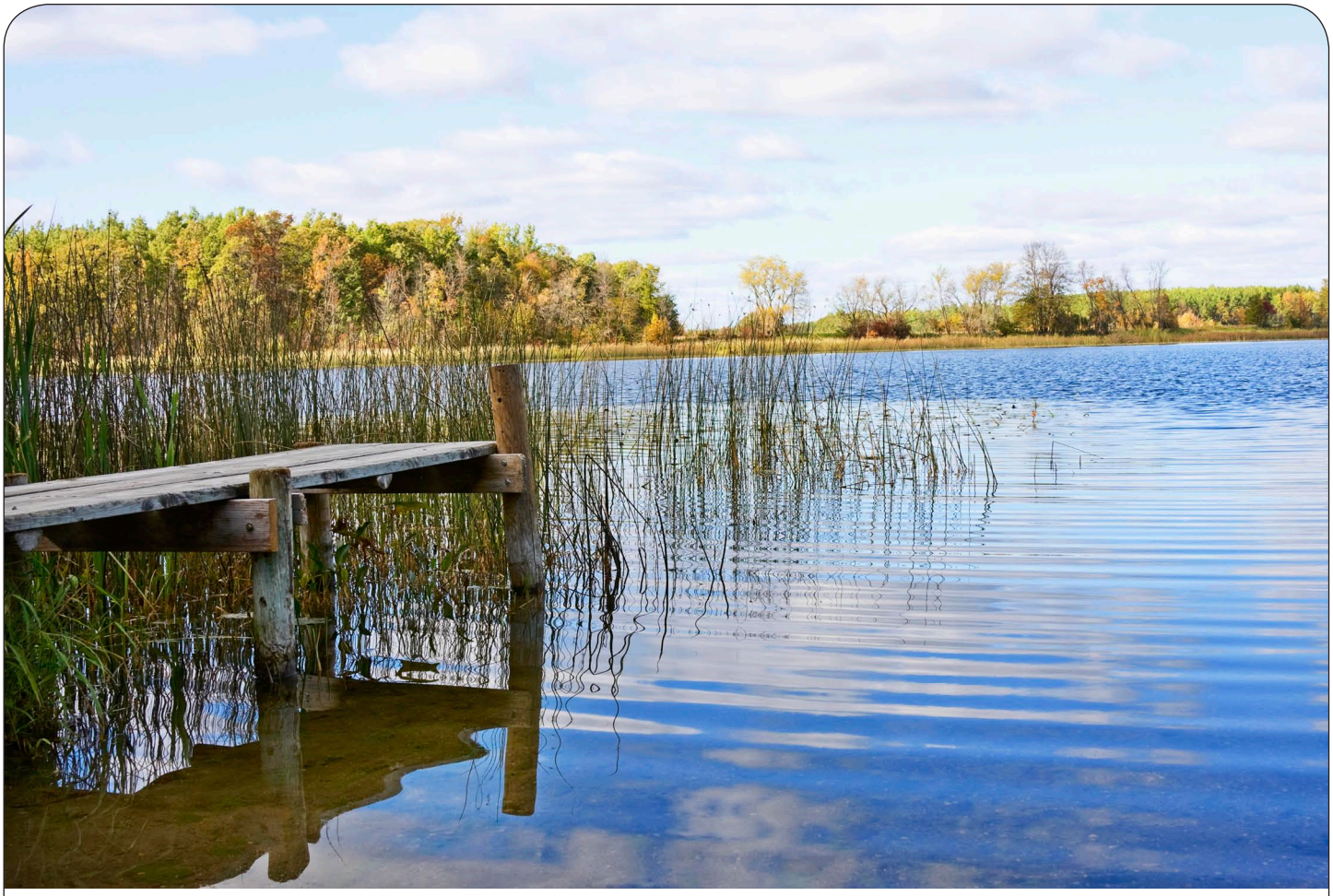
This instrument was prepared by Midwestern Railroad Properties, Incorporated, 165 North Canal Street, Chicago, Illinois 60606.

L-128-2

SEND TAX STATEMENT TO

STATE OF MINNESOTA
DEPT OF MILITARY AFFAIRS
VETERANS SERVICE BLDG
ST PAUL, MN
55155-4098

3-



PFCs in Minnesota's Ambient Environment:

2008 Progress Report

Minnesota Pollution Control Agency

Table of Contents

PFC Acronym Glossary

Groups

PFCs – perfluorochemicals or perfluorinated compounds
PASs – perfluoroalkyl surfactants
PFCAs – perfluorocarboxylic acid
PFSAs – polyfluorinated alkyl substances
FTOH – fluorotelomer alcohols
PFAAs – perfluoroalkyl acids

Individual

PFBA – perfluorobutanoic acid
PFBS – perfluorobutane sulfonate
PFPeA – perfluoropentanoic acid
PFHxA – perfluorohexanoic acid
PFHxS – perfluorohexane sulfonate
PFHpA – perfluoroheptanoic acid
PFOA – perfluorooctanoic acid
PFOS – perfluorooctane sulfonate
PFOSA – perfluorooctane sulfonamide
PFNA – perfluorononanoic acid
PFDA – perfluorodecanoic acid
PFUnA – perfluoroundecanoic acid
PFDoA – perfluorododecanoic acid
N-EtFOSE – N-ethyl perfluorooctanesulfonamidoethanol
N-MeFOSE – N-methyl perfluorooctanesulfonamidoethanol

Other Acronyms

AFFF – aqueous fire fighting foam
ECF – electrochemical fluorination
WWTP – wastewater treatment plant

Executive Summary

Perfluorochemicals (PFCs) are a group of fully-fluorinated carbon-based compounds that repel both oil and water and are very resistant to breakdown in the environment. These properties have led to their use in numerous industrial and consumer products. Specific PFCs of interest in Minnesota include PFOS (perfluorooctane sulfonate), PFOA (perfluorooctanoic acid) and PFBA (perfluorobutanoic acid).

Manufacture of PFCs in Minnesota began in the late 1950s by 3M Corporation at its Cottage Grove Facility. 3M ceased production of PFOS and PFOA in 2002 after several studies showed that PFCs were bioaccumulating in humans and wildlife worldwide. In 2004, PFCs were detected in drinking water supplies in several eastern Twin Cities suburbs; sources of the contamination were traced to legal disposal of 3M manufacturing wastes. The Minnesota Pollution Control Agency (MPCA) and the Minnesota Department of Health (MDH) have since identified contaminated wells and provided clean drinking water to affected consumers.

PFCs are released to the environment through manufacturing processes, industrial use, and the use of PFC-containing consumer products. PFCs, like PFOS and PFOA, are also formed from the breakdown of other fluorinated compounds such as fluorotelomer alcohols produced by DuPont. In order to identify potential sources of PFCs to the environment it is critical to understand the fate and transport processes governing these compounds.

It is now known that PFCs are ubiquitous environmental contaminants. This is a concern because some PFCs (such as PFOS and PFOA) are persistent, bioaccumulative and toxic. The worldwide presence of PFCs in humans and animals provides strong evidence that exposure to this group of chemicals is through general environmental exposure and is not limited to known point sources or areas of contamination. Although all routes of exposure have yet to be clearly defined, exposure likely occurs through a variety of pathways including drinking water, food and food packaging, and use of consumer products containing PFCs.

In Minnesota, it has been apparent since 2006 that PFCs may be present at concentrations of potential concern in the ambient environment (i.e., away from 3M disposal sites). The MPCA negotiated a Consent Order with 3M in May 2007. The Consent Order provided funding for additional monitoring of PFCs around Minnesota and intense remediation efforts at the 3M manufacturing and waste disposal sites. Since then, the MPCA has made a number of important discoveries regarding PFCs in Minnesota's ambient environment.

Some of the results to date presented in this report include the following findings. Several lakes in the Twin Cities and portions of the Mississippi River have elevated concentrations of PFOS in fish tissue, which has resulted in fish consumption advisories. Sampling indicates that, although present, PFC concentrations in shallow ambient ground water are well below health advisory concentrations. Most sampled waste water treatment plant influent, effluent, and sludge has detectable concentrations of PFCs. PFCs were detected in permitted landfills leachate, landfill gas, and landfill gas condensate, as well as in ground water upgradient and downgradient of the facility. More detail and additional results are presented in the report, including several extensive data sets in the appendices.

Introduction

Perfluorochemicals (PFCs) are a group of fully-fluorinated carbon-based compounds that repel both oil and water and are very resistant to breakdown in the environment. These properties have led to the use of PFCs in numerous industrial and consumer products. PFOS* (perfluorooctane sulfonate), PFOA (perfluorooctanoic acid), and PFBA (perfluorobutanoic acid) are examples of individual PFCs of concern in Minnesota. Common applications of PFCs include non-stick coatings for cookware, stain repellants, paper coatings, food packaging, fire-fighting foams, lubricants, wetting agents, corrosion inhibitors, cleaning products, cosmetics, and pesticide applications.

At this time, PFOS, PFOA, and PFBA are the PFCs of greatest interest in Minnesota due to their persistence, toxicity, and/or widespread detection in the environment and biota.

Manufacture of PFCs in Minnesota began in the late 1950's by 3M Corporation at its Cottage Grove Facility. After research found that PFOS could be measured in not just wildlife but also humans from around the world, 3M began the process of phasing out of the manufacture of the 8-carbon PFCs (PFOS and PFOA) and PFOS-related products in 2000. The phase out of PFOS production in Minnesota was completed in 2002. Since that time, 3M has worked to develop new technologies based on shorter chain PFCs such as perfluorobutane sulfonate (PFBS).

Although PFCs have been in commercial use for nearly 50 years they have only recently been detected in the global environment. It is now known that PFCs are ubiquitous environmental contaminants; they have been detected globally in lakes, rivers, oceans, sediment, soil, precipitation, air, biota, sewage sludge, and wastewater effluent. This is a concern because some PFCs are persistent, bioaccumulative and toxic. Several studies indicate that most wildlife and humans worldwide have at least some PFCs in their blood. While many sources of PFC exposure remain unknown, it is likely that exposure to PFCs occurs through consumption of contaminated food and water, and the use of numerous PFC-containing commercial products.

In 2004, PFCs detected in drinking water supplies in several eastern Twin Cities suburbs were traced to legal disposal of 3M manufacturing wastes, which occurred in the 1950s and later at four different locations. The Minnesota Pollution Control Agency (MPCA) and the Minnesota Department of Health (MDH) have since identified contaminated wells and provided clean drinking water to affected consumers. Most of the drinking-water problems have been characterized and brought under control. However, PFCs have been detected in all other environmental settings tested to date in Minnesota.

*Please refer to the acronym glossary at the beginning of this document for a complete list of acronyms used.

The May 2007 Consent Order with 3M paid for additional monitoring of PFCs around Minnesota as well as intense remediation efforts at the 3M manufacturing and waste disposal sites. From this work, the MPCA has learned that:

- The use of PFCs in industrial, commercial and consumer product applications continues even though 3M ceased production of PFOA and PFOS in 2002. Manufacturers in other countries continue to produce PFOA and PFOS for use in products that are legally exported and used for beneficial purposes in the U.S. and around the globe.

- Past and present PFC usage provides pathways for release into the environment that cannot be solely attributed to 3M, which developed the original PFC chemistry.

The MPCA is therefore pursuing a broader approach to addressing PFCs effectively, both in the short and long term:

Consent Order with 3M

In 2007, the MPCA negotiated a Consent Order (legally binding agreement) with 3M on the PFC contamination in Minnesota. The issues addressed in the Consent Order are as follows:

- Rigorous, robust cleanup plan
- Recognition of MPCA jurisdiction
- Municipal and private drinking water supplies
- Future actions on PFBA
- Additional studies on health and environmental effects
- Cooperation from 3M on sharing research and information
- Preservation of MPCA's right to take action in the future

- Investigations – ongoing studies to understand the presence, extent, sources, movement and fate of PFCs in the environment
- Remediation– vigorous and effective completion of cleanups at the 3M PFC waste disposal areas in Woodbury, Oakdale, Cottage Grove, and the Washington County Landfill
- Regulation – monitoring at wastewater treatment plants (WWTPs) and operating solid waste facilities; establishment of water quality criteria (site-specific standards) to protect fish for human consumption; permit requirements for facilities discharging into impaired waters
- Partnerships – with MDH, Minnesota Department of Natural Resources (MDNR), United States Environmental Protection Agency (EPA) and others to better characterize the risks of exposure to PFCs in the environment
- Data Management – efficient tracking, storage, retrieval and usage of all data including environmental samples; remedial investigations
- Communications – regular meetings with affected local officials and legislators; extensive web pages detailing agency actions and findings

The MPCA's investigation of PFCs in the ambient environment, along with supporting information gleaned from the scientific literature, is presented in this interim report. Several studies are still in progress, and more studies will likely be proposed in the future.

Investigation of PFCs in the Ambient Environment

A number of PFC projects have been completed or are underway. Brief descriptions of projects underway or completed by the MPCA and its partners are provided below, alphabetically.

Air and Precipitation Monitoring

Ambient air and precipitation samples are being collected to screen for PFC concentrations in urban and rural environments.

Aqueous Film-Forming Foam (AFFF) Use

Two AFFF projects are underway. One is a survey of PFC-containing AFFF users in Minnesota regarding their use of AFFF in fire fighting training. The other is a case study of PFC concentrations in sediment and shallow ground water at a site of known AFFF discharge during fire fighting training.

Fish Tissue and Surface Water Monitoring

Fish tissue and surface water samples are being collected in selected urban and rural lakes for two purposes. The first is to better understand the extent and magnitude of PFC contamination in commonly harvested fish species in lakes and rivers with high fishing pressure. Second, results will be used to evaluate bioaccumulation of PFCs in fish fillet tissue.

Food Web Studies

Two studies are underway at Lake Johanna to help develop better understanding about how PFCs move through the aquatic food web. Water, sediment, and aquatic organisms from Lake Johanna are being analyzed for PFC content as part of an aquatic food web study. Additionally, swallow eggs, chicks, and their food insects are being analyzed to determine differences in PFC concentrations in different locations and environmental media, identify which PFCs contribute to the differences, and to calculate accumulation rates.

Ground Water Monitoring

Samples of ground water were collected from wells in vulnerable, shallow aquifers in urban and agricultural areas. Sample results provided information about PFC impacts to ground water from potentially many different sources: industrial and municipal stormwater infiltration, land use, precipitation infiltration, surface water infiltration, pesticides, land application of biosolids, and/or atmospheric deposition.

Lake Calhoun PFOS Source Investigation

Elevated concentrations of PFOS in fish tissue from Lake Calhoun were a surprise. Storm water and rain water samples from the Lake Calhoun storm watershed will be collected to identify major sources of PFCs to Lake Calhoun, if major sources exist. This study is still in progress.

Land Use Influence of PFOS Concentrations in Fish Tissue

This project will utilize GIS, statistical analysis, and other information to analyze watershed characteristics and other factors that may influence PFOS concentrations in fish tissue.

Literature Reviews

On an ongoing basis, science indices, journals, reports, and regulatory news about PFC research results or policy development are searched. Review of the current literature keeps the MPCA and MDH up-to-date on research being conducted worldwide on PFC fate and transport, toxicology, risk assessment, and standard setting.

Mississippi River Sampling

The EPA is coordinating an effort to evaluate the range of concentrations of PFCs in water of the Mississippi River from the headwaters in Minnesota to the confluence with the Ohio River in Cairo, Illinois. In conjunction with the Water Quality Task Force members of the Upper Mississippi River Basin Association, approximately 200 surface water samples are being collected from key locations in the Mississippi River between Lake Itasca, Minnesota, and Cairo, Illinois.

Soil Microcosm Studies with EPA Labs

In cooperation with EPA, soil microcosms are being used to evaluate the potential for particular PFC compounds to break down in ground water and to measure the adsorption characteristics and mobility of PFCs in the ground water environment. Microcosms have been constructed using aquifer sediment spiked with PFC compounds. Periodic analysis of the microcosms will provide data on PFC fate and transport in ground water.

Urban Watershed Study

Stormwater inputs to PFC-impaired lakes will be sampled to develop better understanding about how PFCs move through an urban watershed to a lake.

Wastewater Treatment Plant PFC Release Assessment

Influent, effluent and sludge from WWTPs were sampled to assess the contribution of these facilities as potential sources of PFCs in Minnesota's environment. Facilities were selected to represent a variety of treatment technologies and influent sources (i.e. residential, commercial, industrial). Sources, environmental fate, and potential exposure pathways of PFCs detected at wastewater treatment facilities will be evaluated.

Water Quality Criteria Development

Water quality criteria were developed for PFOS and PFOA; PFBA is still in process. The process involves literature reviews of toxicity data, including 3M aquatic toxicity tests. Site-specific criteria are in place for PFOS and PFOA in Lake Calhoun and the Mississippi River. In Lake Calhoun, the chronic criteria (protective of both human health and aquatic life) are 12 ng/L for PFOS and 1.62 µg/L for PFOA. In the Mississippi River, the chronic criteria are 6 ng/L for PFOS and 2.7 µg/L for PFOA. Go to http://www.pca.state.mn.us/cleanup/pfc/index.html#pfos for more information.

Wildlife/Ecological Risk Assessment

To assess ecological risks from PFCs, MPCA filled a gap in National Park Service sampling, and expanded the study area for assessing targeted "persistent, bioaccumulative, toxicants" (PBTs), including PFCs, in bald eagles that nest along portions of the Mississippi and St. Croix Rivers. The sampling will allow monitoring of trends in PFC concentration and bald eagle nesting success over

time. The number and development of young in nests are assessed in the study area, and eagle nestling blood samples were collected for analysis of PFCs.

The purpose of these studies is to determine the distribution and extent of PFC contamination in Minnesota's ambient environment. However, these studies can only assess concentrations of PFCs in various media. In order to give context and meaning to the data, it is critical to first understand the fate and transport of PFCs in the environment. The following section provides a brief discussion of direct and indirect sources of PFCs, as well as fate and transport in relevant environmental media.

Sources, Fate and Transport of PFCs in the Ambient Environment*

*Please refer to Appendix B for a more detailed discussion of the fate and transport of PFCs.

The variety and number of fluorinated compounds currently in production comprise an enormous number of chemicals. Drugs, anesthetics, chemotherapeutic agents, pesticides, refrigerants, such as chlorofluorocarbons (CFCs), as well polymers such as Teflon and Goretex, are a few of the thousands of products made from fluorinated carbon compounds [2].

***Perfluorinated compound** – a compound in which all available carbon atoms are bound to fluorine atoms.*

PFOA and PFOS are examples of perfluorinated surfactants. They are often found in surface water samples and are almost always found in wildlife and humans. While it is clear that these are not naturally occurring compounds – they are entirely human-made – how these compounds have become so widely distributed in our environment in often very remote locations is less understood. Studies have shown that PFOA, for example, is likely "ubiquitous in the northern hemisphere" [3].

The direct release of these compounds to the environment through manufacturing processes represents one way chemicals like PFOA or PFOS get into the environment. However, several recent studies show that PFOA and PFOS can be generated as byproducts when other fluorinated compounds break down. This means that the fate of other fluorinated compounds is important to understanding how chemicals like PFOA and PFOS are released to and persist in the environment.

Perfluorinated surfactants are made either through *electrochemical fluorination* (ECF) or through a *telomerization* manufacturing process [2, 4]. ECF is the process that 3M used to produce fluorinated compounds. ECF was used to produce the fluorinated surfactants PFOA and PFOS that are used in fire-fighting foams (AFFF), paints, polishes, films, and lubricants. ECF is the only process used to directly produce PFOA and PFOS, with over 6 million pounds produced in 2000 [4]. The major contributors to environmental loads appear to be through the use of PFOA and perfluorononanoic acid (PFNA) [5]. Other chemicals produced through ECF include the compounds used to make fabric stain repellents, carpet treatments, and paper coating materials [2, 4].

DuPont uses the telomerization process to make fluorinated compounds [2]. Unlike the PFCs made through 3M's ECF process, Dupont's method is often used to make *fluorotelomer alcohols* (FTOHs)[2]. FTOHs are not used directly in products. Instead, FTOHs are used as intermediates in the manufacture of other products, where they are often present in residual amounts of up to 4% by weight [6]. There are many types of fluorinated compounds that are used in a wide variety of products.

Chemicals like PFOA and PFOS are resistant to degradation which makes them persistent in the surface water, soil, and ground water. Moody *et al.* [7] studied a creek into which fire-fighting foam (AFFF) was spilled. PFOA, perfluorohexanoic acid (PFHxA, a chemical similar to PFOA), and PFOS were present in the surface water and in fish tissue for several years after the spill. They were also detected in ground water underneath a site where AFFF fire-fighting foam was used [8]. These studies focused on surface water or ground water contamination where there was a clear source or a spill. The widespread, low-level contamination of soil, ground water, and surface water in remote locations is difficult to explain, however, because it is unlikely that PFOA and similar chemicals that are non-volatile could be transported to areas far from a likely source.

Unlike PFOA, the FTOHs produced by DuPont are volatile and can be found in the air. FTOH will break down into PFOA (Fig. 1) and related chemicals in the atmosphere [3, 9] such as perfluorodecanoic acid (PFDA, a compound similar to PFOA). With over 10 million pounds of FTOH produced per year, enough FTOH is manufactured yearly to maintain the current observed concentrations of PFOA and related compounds in the environment [9]. FTOHs also break down in wastewater treatment plants, where up to 10% of FTOH can be converted to PFOA and similar compounds [10, 11].

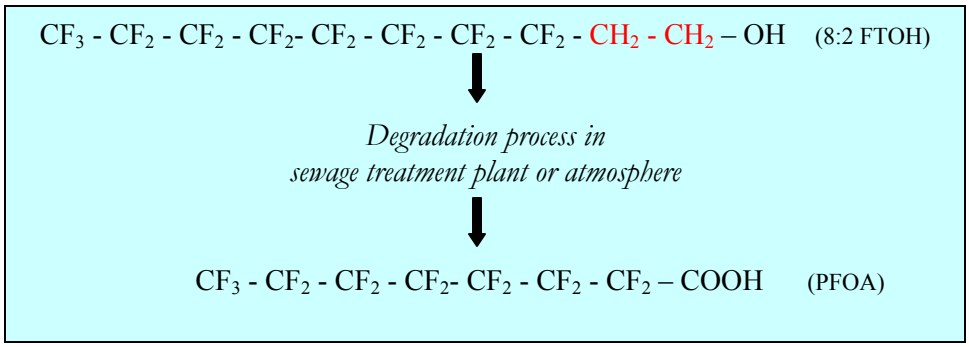


Figure 1. Conversion of 8:2 fluorotelomer alcohol into PFOA.

The degradation of FTOHs to PFOA and related chemicals can explain other observations:

- The appearance of PFDA in fish samples in Minnesota is consistent with the breakdown of FTOH to PFDA, because PFDA has no significant history of intentional industrial production [12].
- According to DeSilva and Mabury (2006), 89% of PFOA in human blood samples from the Midwest is attributable to PFOA that originated from telomerization production methods [12].
- Recent MPCA studies show that various perfluorinated surfactants – including PFOA and PFOS – were present in air samples in 2008 [13]. The presence of these compounds in the air can be partially explained by the breakdown of FTOH molecules in the atmosphere. 3M discontinued manufacture of these PFCs in 2002.
- Minnesota ground water monitoring shows PFOA, perfluoropentanoic acid (PFPeA), perfluorohexanoic acid (PFHxA), perfluoroheptanoic acid (PFHpA), and perfluorononoic acid (PFNA) at trace or low concentrations that are widespread under ambient conditions, with no known or likely sources of these compounds [14]. The degradation of FTOH

compounds in the air or in the soil is a plausible source of these detections in the ambient environment.

Polymers made from fluorinated chemicals are produced in far greater volumes than the fluorinated surfactants discussed above. Very little information, however, has been published regarding their fate in the environment [4].

Polymers typically resist breaking down. The breakdown of polymers made from fluorinated chemicals is expected to add only a very slight amount of PFOA and similar chemicals to the environment [15]. However, the polymers used widely for oil and water-resistant coatings on food-contact paper products have been found to degrade into FTOH and subsequently to PFOA [16]. The degradation of this water-resistant coating chemical was found to occur in the intestinal tract and the blood of laboratory animals, representing a significant source of exposure to PFCs [16].

Indoor air concentrations of fluorinated chemicals used to make fabric and carpet coatings are roughly 10-20 times greater than outdoor concentrations of the same chemicals [17]. These compounds may, in turn, break down into PFOS [18]. This could expose people to PFOS through ingestion and inhalation inside of homes that contain fabric coating products.

In soil, PFOS has been found to adsorb to various minerals, with adsorption increasing with PFOS concentration[19]. However, PFOS apparently adsorbs to soil less than other pollutants [19]. Some research shows that the mobility of PFOS and PFOA in ground water can change depending on the ground water conditions [20]. Adsorption variability might be important in how far and how fast these contaminants spread in aquifers away from spills or disposal sites.

Distribution of PFCs in Minnesota's Environment

In Minnesota, it has been apparent since 2006 that PFCs may be present at concentrations of potential concern beyond the disposal sites and the groundwater contamination associated with them. Since then, the MPCA has made a number of important discoveries regarding PFCs in Minnesota's ambient environment. The following section provides a brief discussion of the results to date of several completed and on-going studies at the MPCA. For more detailed analytical results, please refer to Appendix A.

Twin Cities Metro Area Lakes - Fish and Water

In April 2007, the MPCA found elevated concentrations of PFOS in fish taken from Lake Calhoun in Minneapolis. PFOS is the most bioaccumulative PFC in fish, and this finding was of concern to the city of Minneapolis and people who fish in this popular lake. MDH issued new fish consumption advisories for the lake. Sampling was expanded to other metro-area fishing lakes, and additional findings were announced later in 2007 and early 2008. In addition to Calhoun, Lake Johanna and Lake Elmo received one meal per month fish-consumption advisories. For the most part these lakes have no groundwater connection with the waste sites, and the source(s) of contamination are still not identified [21]. Figure 2 illustrates the 2006-2008 Twin Cities metro area fish sampling results. MPCA has ongoing projects underway, including an aquatic food web study and a stormwater runoff study, to better understand the distribution of PFCs in Minnesota's aquatic environment.

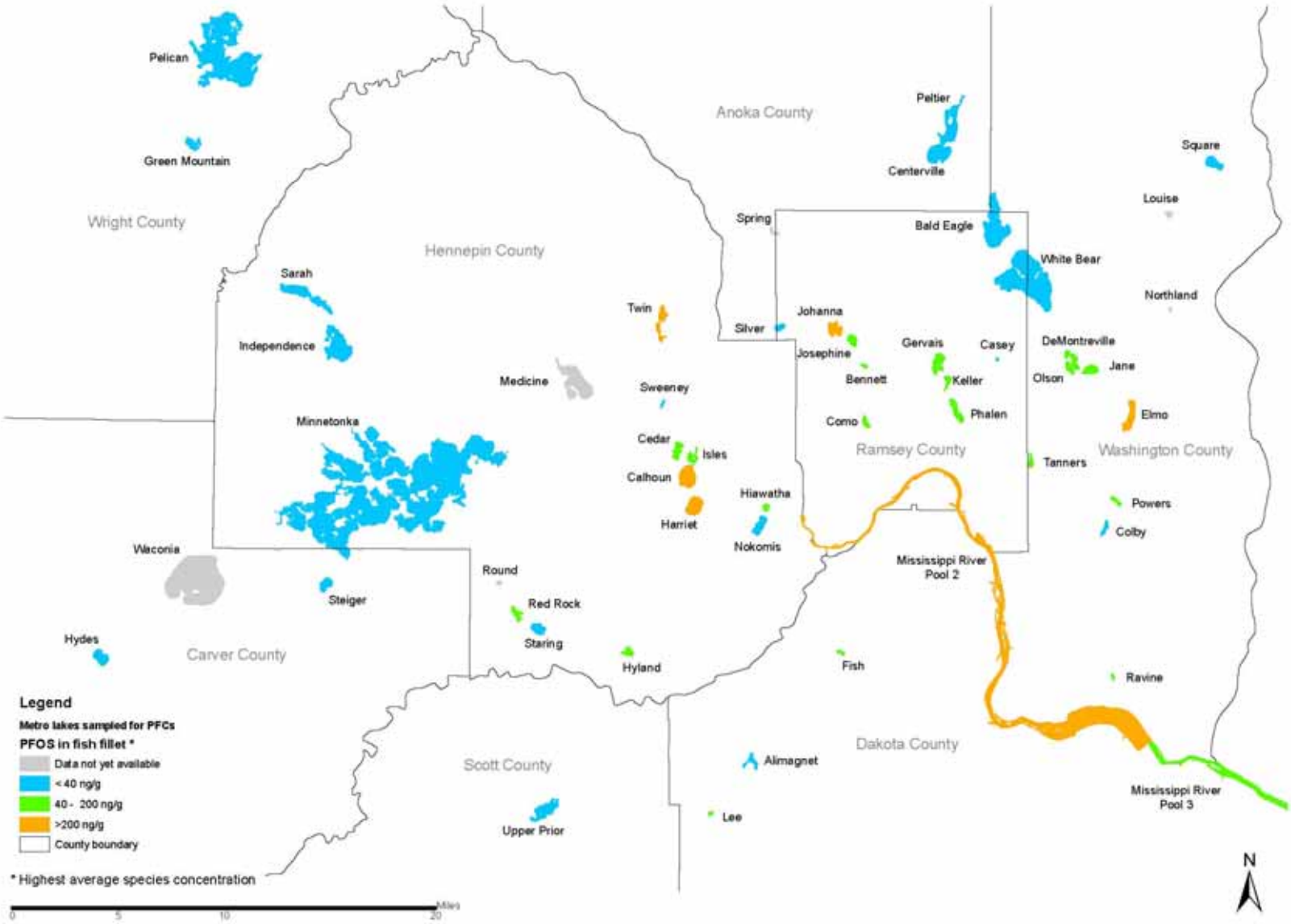


Figure 2. Fish Tissue Sampling Results for Twin Cities' Area Lakes (2006 – 2008).

Mississippi River Sampling

Fish have been collected from various reaches of the Mississippi River and analyzed for PFCs since 2005. Elevated concentrations of PFOS in fish tissue have resulted in MDH fish consumption advisories for at least one species in Pool 2, Pool 3, Pool 4, and Pools 5, 5a, and 6 (Fig. 2). Fish were sampled in the Mississippi River near Brainerd, and the PFOS concentrations in the Brainerd-area fish were low.

Ground Water

Ambient shallow ground water was sampled for PFCs in urban and agricultural areas of Minnesota during 2006 and 2007. Sampling was conducted by MPCA in cooperation with the Minnesota Department of Agriculture (MDA). Wells were selected in vulnerable aquifers. PFCs were detected in ambient shallow ground water at concentrations below MDH health guidelines. PFBA was the most commonly detected PFC, and it was the PFC detected at the highest concentration. Most of the PFC detections above the reporting limit were in the Twin Cities Metro Area. Land uses associated with the wells that had detected PFC concentrations were Industrial, Commercial, Sewered Residential, and Agricultural [22].

Air Monitoring

Air samples have been collected at two Minnesota sites, one urban and one rural. PFOS, PFOA, and PFBA were detected in air at both locations. Total concentrations were approximately 50% higher in the urban location. Additionally, 7 PFCs not detected in the rural location were detected at the urban location. Very few studies have measured and reported air concentrations of PFOS and PFOA. Minnesota's air results are within the range of PFOS and PFOA concentrations in air reported by others [23, 24]. A suburban location is currently being monitored for PFCs in air, but results are not yet available.

AFFF Fire-Fighting Foam

In 2008, MPCA hired a contractor to survey likely users of PFC-containing fire-fighting foam regarding their use of foam in both fire suppression training and in fire fighting. Survey questions were related to frequency of foam use, volume of foam used, location of foam used, and brands/types of foam used. Approximately 67% of municipal fire departments (522 of 785), all 16 fire training school, all three airports with fire departments, and both refineries with fire departments responded to the survey. Identified fire training locations were screened and ranked for relative risk based on type of foam used and proximity to potential human or environmental receptors: drinking water wells, well head protection areas and source water protection areas, surface water, wetlands, and karst geology.

Approximately 20 current or former fire training areas were identified as having a high potential for PFC contamination to drinking water, ground water, soil, and/or surface water. MDH and MPCA are conducting follow-up sampling and investigations of high-risk sites. The first round of sampling will focus on drinking water wells in proximity to fire training activities.

Wastewater Treatment Plants

The MPCA conducted a survey for PFCs in wastewater effluent at 28 municipal and industrial WWTPs across the state in 2007. A number of sample locations showed low concentrations of PFCs. The city of Brainerd's plant had elevated concentrations (see box). The Brainerd finding, traced to a chrome-plating facility, raised questions about the potential for PFCs to enter surface waters through permitted WWTP discharges to surface water. More facilities were sampled in 2008, and results were consistent with 2007 findings [21].

Permitted Landfills

Through monitoring conducted in 2006-7, the MPCA found PFCs in ground water, leachate, landfill gas, and gas condensate at a number of landfills. These findings suggest that PFCs may be released from consumer, commercial and demolition wastes. However, the concentrations were very low in ground water, and in most cases, results suggested that landfills were not acting as sources of PFC impacts to ground water. No drinking-water wells were affected [21].

Soil Microcosms

In collaboration with EPA's National Exposure Research Laboratory, MPCA is investigating the fate of PFCs in ground water. Soil collected from beneath the ground water table at the Washington County Landfill was brought to the laboratory.

Microcosms were prepared using this soil under anaerobic conditions, and PFOS and PFOA were added to the microcosms at known concentrations. Samples of these microcosms on a quarterly basis showed that, while these compounds resist degradation, the adsorption of these compounds to the soil changes with time. This is possibly due to changing oxidation/reduction conditions within the microcosms. These results have important implications to the fate of PFC in the vicinity of landfills where oxidation/reduction status changes spatially.

Brainerd WWTP Case Study

The PFOS concentrations in the Brainerd wastewater treatment plant influent, effluent and sludge were significantly higher than other WWTPs sampled around the state. In response to the noteworthy result, Brainerd Public Utilities (BPU), operator of the WWTP, hired a consultant to collect wastewater samples from locations around the city to try to determine the source of the PFOS. PFOS was detected in samples from five locations. Four concentrations ranged from 0.08 - 1.18 μg/L. The fifth sample concentration, collected at a manhole in an industrial park, had a PFOS concentration of 49.8 μg/L. [1].

Keystone Automotive, a chrome plating operation specializing in automobile bumpers, is located in the industrial park adjacent to the manhole with the highest PFOS concentration sample. Keystone used a PFOS-containing surfactant product in its chrome plating bath. The PFOS-containing surfactant product reduces surface tension, which in turn helps reduce emissions of hexavalent chromium from the plating solution – an important worker-safety issue. In September 2007, Keystone switched to a different mist suppressant that does not contain PFCs. Ongoing monitoring is being conducted to monitor the effectiveness of the new mist suppressant. Monitoring will continue to document the effect that the product change has over time on PFOS discharge concentrations [1].

PFCs in Humans and Wildlife: Exposure and Effects

That PFCs are found throughout the world is not surprising due to their presence in a wide variety of industrial, commercial, and consumer products. The world-wide presence of PFCs in humans and animals provides strong evidence that exposure to this group of chemicals is through general environmental exposure and is not limited to known point sources or areas of contamination. The exact sources and routes of all exposures are unknown, although efforts are underway to evaluate the primary sources.

Several studies of human blood samples from around the world have found that nearly all people tested have some PFCs in their blood [25, 26]. A number of studies have also tried to assess potential routes of exposure [27-30]. Although all routes of exposure have yet to be clearly defined, exposure likely occurs through a variety of pathways, including drinking water, food and food packaging, and use of consumer products containing PFCs. Once people are exposed to PFCs, they are very slowly eliminated and stay in the body for many years [31].

PFCs have also been shown to bioaccumulate in wildlife, including top predators such as polar bears, bald eagles, mink, and seals; PFCs also bioaccumulate in fish. However, unlike other persistent organic pollutants, PFCs bind to protein rather than fatty tissues making it difficult to predict tissue concentrations using typical bioaccumulation models.

Human Exposure via Drinking Water

As a result of the manufacturing activities in Minnesota and the accompanying waste disposal, some eastern Twin Cities suburbs were found to have higher concentrations of PFCs in ground water when compared to the general environment. Several studies suggest that PFCs readily move through the soil and enter the ground water. Through investigations conducted by MDH and MPCA, it was discovered that some area residents were being exposed to PFCs through their drinking water (Table 1). Over 1,300 wells in the eastern Twin Cities suburbs have been tested, and MDH, MPCA, and 3M have worked with affected parties to provide safe drinking water by supplying alternative sources of water or assisting with water filtration to remove PFCs.

Testing of ground water in the eastern Twin Cities suburbs over the past several years suggests concentrations of PFCs have remained stable and have not increased. MDH and MPCA staff continues to test wells in the area to monitor any changes in concentrations or movement of the PFC ground water plume.

To date, most of the drinking water supplies located away from the eastern Twin Cities suburbs that have been tested have no detectable PFCs. Although PFBA was detected in several wells, the concentrations found were below levels of health concern established by the MDH. Testing of additional drinking water sources throughout Minnesota will continue to evaluate potential exposure to PFCs through drinking water.

Table 1. PFCs detected in Minnesota Drinking Water

	PFOS[a]	PFOA[a]	PFBA[a]
East Metro Area			
Municipal wells	ND[b] – 0.9	ND – 0.9	ND – 2.2
Private wells	ND - 3.5	ND - 2.2	ND - 12
Other Areas			
Municipal wells	ND	ND	ND – 0.4
Private wells	ND	ND	ND - 0.5
Criteria set by MDH			
Health Risk Limit (HRL)	0.3	0.5[c]	-
Health Based Value (HBV)	-	-	7

[a]Concentrations are in µg/L (ppb, parts per billion)
[b]ND = not detected
[c]In September 2008, MDH proposed lowering the HRL for PFOA to 0.3 µg/L.

Human Exposure via Fish Consumption

There are numerous reports documenting the presence of PFCs in fish and animals throughout the world [32-36]. In cooperation with the DNR and MDH, the MPCA has been testing fish in Twin Cities metro area lakes and rivers as well as selected outstate water bodies for the presence of PFCs to evaluate the potential for human exposure through the consumption of fish.

Fish from 56 different lakes as well as several reaches of the Mississippi and St. Croix Rivers have been tested for PFCs. PFOS, the primary PFC found to accumulate in fish fillet tissue, has been found in various fish species from several different lakes and river reaches at concentrations such that the MDH has issued site specific consumption guidelines for fish for the affected waters. Other PFCs detected in Minnesota fish include PFPeA, PFHxA, PFHxS, PFOSA, PFNA, PFDA, and PFUnA (Appendix A).

Human Health Risk

Although there are only a few studies investigating the effects of PFCs on human health, it is an area of active scientific research. The majority of studies evaluating the human health effects of PFCs have been conducted using animal models. While most studies have focused on PFOS and PFOA, information is growing for other PFCs such as PFBA and PFHxS.

In studies evaluating the health of 3M workers exposed to PFCs during manufacturing processes, no clear associations between adverse health effects and exposure were found [37]. It should be noted that the people evaluated in these studies were healthy workers who may not represent the average population. Three recent studies evaluated the health effects of PFCs on newborn babies associated with concentrations of PFCs in the blood of their mothers [38-40]. Each study found PFC concentrations in the mother's blood correlated to decreases in measures of growth in the newborns. Participants in these studies were exposed to PFCs through typical life activities, not as a result of known point sources of contamination.

As part of an agreement in a class action lawsuit against DuPont, a health study (The C8 Health Project) of 70,000 people in West Virginia and Ohio exposed to PFOA in drinking water is being undertaken to determine if there are any health effects related to PFOA exposure. Participants in this project live in areas of known drinking water contamination due to industrial activities.

Preliminary reports suggest a relationship between PFOA exposure and elevated cholesterol levels. Additional reports are pending [41].

In animal studies, PFCs have been associated with adverse effects including, but not limited to, altered cholesterol and thyroid hormone levels, suppression of the immune system, and developmental effects such as increased neonatal mortality, decreased body weight and weight gain in newborns and delayed eye opening. Animal studies generally form the basis of establishing human health criteria.

Human Health Criteria

Minnesota Department of Health

Following the discovery of PFCs in ground water in the East Metro Area, the MDH developed drinking water criteria for PFOS, PFOA and PFBA. Under emergency rule making authority enacted by the Minnesota Legislature, the MDH promulgated in rule Health Risk Limits (HRLs) of 0.3 µg/L* for PFOS and 0.5 µg/L for PFOA in August 2007. In September 2008, MDH proposed lowering the HRL for PFOA from 0.5 µg/L to 0.3 µg/L. In February 2008, MDH established a health based value (HBV) of 7 µg/L for PFBA. PFBA is thought to be less toxic than PFOS and PFOA because of its shorter half-life in rodents. HRLs and HBVs are concentrations of chemical-specific ground water contaminants that MDH has determined would result in little or no appreciable harm to people drinking the water daily over a lifetime. The process of determining HRLs and HBVs are the same; however, HBVs have not been promulgated in rule.

Due to limited toxicity information available for other PFCs, such as PFBS, PFHxS, and PFHxA, which have been found at very low concentrations in some wells, drinking water criteria cannot be developed for these chemicals at this time. The MDH continues to monitor PFC research activities and will re-evaluate criteria as new information becomes available.

In addition to the health criteria for PFOA, PFOS and PFBA established by the MDH for drinking water, values for the protection of human health have also been developed by other regulatory and health agencies in the U.S as well as in Europe. As described below, drinking water values developed by other agencies range from 0.04 - 9 µg/L for PFOA and 0.1 - 0.9 µg/L for PFOS.

New Jersey

In 2007, the New Jersey Department of Environmental Protection (NJDEP) provided preliminary guidance to the Pennsgrove Water Supply Company to assess public health implications due to PFOA in the system's drinking water [42]. The NJDEP recommended a preliminary health-based guidance in drinking water of 0.04 µg/L PFOA, which is the lower end of the range of several values derived from non-cancer and cancer endpoints in different species.

The drinking water value the NJDEP developed is based on comparisons between target blood levels of humans and actual or predicted blood levels of experimental animals. The difference between the New Jersey and the Minnesota values for PFOA is primarily due to use of a larger uncertainty factor and different water intake rates.

MDH had several concerns regarding the New Jersey approach, including the ability to accurately estimate a serum concentration associated with observed effects, the potential for episodic serum

*µg/L (micrograms per liter) = ppb (parts per billion)

concentrations given the short half-life of PFOA in the female rat, and the uncertainty regarding the serum to water ratio. In developing its HBVs for PFOA and PFOS, MDH has chosen to utilize an animal model that it believes is more relevant to humans and a more traditional risk assessment methodology.

EPA

In 2006, the EPA set a site-specific drinking water action level of 0.5 μg/L for PFOA for the communities surrounding the DuPont Washington Works Facility in West Virginia [43]. Based on the scientific information available regarding the toxicity and the toxicokinetics of PFOA, EPA recommends that steps be taken to eliminate or reduce exposure to PFOA in the vicinity of the Washington Works Facility. Through a Consent Order, the EPA determined, "As required by Section 1431 of the SDWA (Safe Drinking Water Act) and for purposes of this Order, EPA has determined that C-8 [PFOA and its salts] is a contaminant present in or likely to enter a PWA [public water system] or a USDW [under ground source of drinking water] which may present an imminent and substantial endangerment to human health at concentrations at or above 0.50 μg/L in drinking water"[44]. In 2009, the EPA established provisional health advisories for PFOS and PFOA of 0.2 μg/L and 0.4 μg/L, respectively.

North Carolina

In 2007, the North Carolina Division of Water Quality in the Department of Environment and Natural Resources established a Public Health Goal of 0.63 μg/L for PFOA [45, 46] based on the same studies used by MDH. The difference between the North Carolina and the Minnesota values for PFOA is primarily due to use of a different water intake rate.

United Kingdom

The Food Standards Agency issued Tolerable Daily Intakes (TDIs) that are equivalent to drinking water concentrations of 9 μg/L for PFOA and 0.9 μg/L for PFOS. The evaluation conducted by the Food Standards Agency was based on the same experimental studies used by MDH; however, a dose-metric (a measurable physical/chemical property that corresponds to a compound's ability to cause a biological effect, such as toxicity) adjustment to account for species differences in half-life was not included [47-49].

Germany

In 2006, the German Ministry of Health established maximum tolerable concentrations for combined total exposure to PFOA and PFOS in drinking water and recommended that concentrations of PFOA and PFOS be combined in evaluations as they are considered to have comparable toxicity[50]. The Ministry issued a "strictly health-based guide value" for combined total exposure to PFOA and PFOS in drinking water of 0.3 μg/L. As a "health-based precautionary value", the Ministry established a drinking water value of 0.1 μg/L to account for exposure to other perfluorinated chemicals in addition to PFOA and PFOS due to the possibility of toxic risks which have yet to be identified and which may be attributed to additional perfluorinated chemicals with shorter or longer carbon chains than PFOA and PFOS. The Ministry recommends that efforts are to be made to reduce levels of total perfluorinated chemicals to less than the health-based precautionary value.

Ecotoxicity of PFCs

Several laboratory studies have demonstrated the toxicity of PFOS to aquatic organisms such as algae, invertebrates, fish, and ducks; PFOS toxicity in bobwhite quail has also been determined[51]. Mysid shrimp and chironomids, aquatic invertebrates that are important components in fresh water food webs, appear to be the most sensitive aquatic organisms tested to date. PFOS exhibits moderately acute toxicity in fathead minnows (*Pimephales promelas*). See Appendix C for a more detailed description of the available toxicity data.

A recent study of the effects of PFCs on marine mussels indicated that some PFCs (PFOA, PFNA, PFDA, and PFHxS) act as *chemosensitizers* (compounds that increase sensitivity to other chemicals) by interfering with a cell's ability to rid itself of toxic chemicals [52]. This interference could allow toxic substances that would normally be excreted to accumulate in the cell where they may have an adverse effect. Humans and other animals have cellular defense mechanisms similar to marine mussels.

PFCs as Potential Endocrine Disruptors

Several studies have shown that various PFCs have the potential to disrupt the endocrine systems of animals [53-59]. Laboratory studies of rats indicate that exposure to PFDA interfered with cholesterol transport and the production of steroid hormones, which resulted in reduced serum testosterone [56]. Exposure of rodents to PFOA has been associated with adverse effects on the testes [54]. PFOS has been shown to disrupt circulating levels of thyroid hormones in rats [57]. In cell cultures, FTOHs increased the number of estrogen receptors and induced MCF-7 breast cancer cell proliferation [55]. FTOHs were shown to be estrogenic *in vivo* in the male medaka (*Oryzias latipes*) as indicated by the induction of vitellogenin (a protein typically produced only in females) [58]. PFOS, PFOA, and certain FTOHs were also shown to be estrogenic *in vitro* [59].

Summary and Outlook

PFCs have a number of beneficial uses in myriad industrial, commercial, and consumer products due to their unique ability to repel both water and oil, and to resist breakdown. However, these same properties also contribute to their persistence, toxicity, ability to travel long distances to remote areas, and propensity to bioaccumulate in animals and humans. It is now known that PFCs are ubiquitous environmental contaminants that have been detected in a variety of settings, including humans and biota, worldwide.

There are many potential sources of PFC release to the environment, and humans and wildlife are exposed to PFCs through a variety of pathways. Several effects of exposure to PFCs have been documented in laboratory studies, including decreased growth and altered development in newborns, immune suppression, endocrine disruption, and increased sensitivity to other chemicals. Drinking water criteria and fish consumption advisories have been established to protect human health in Minnesota.

MPCA has conducted a number of studies of PFCs in the ambient environment, and several studies are still in progress. The goal of these studies is to determine the extent and distribution of PFC contamination in MN, and to determine likely sources of contamination. To date, PFCs have been detected in variety of environmental settings in Minnesota including surface water, ground water, air, soil, and fish.

The current PFC investigations are providing important clues to the origins, fate and consequences of PFCs in Minnesota's ambient environment, and will guide follow-up studies in the coming year. There is still much to learn, however. What do detections in fish, water, blood and other settings mean to people and the environment? How do PFCs move to remote parts of the planet? What are the ongoing sources of PFC release to the environment?

Despite having few human health studies, enough concerns are raised from existing human- and animal-based PFC toxicity studies to suggest that further environmental monitoring and health risk assessments are appropriate and necessary to answer questions of human and ecological risk. There are few established benchmarks against which to compare concentrations found in sampling work. Fortunately, the MPCA and MDH are not alone researching these challenging questions.

As is fitting for a global problem, scientists in government, academia and industry around the world are regularly adding to the scientific knowledge about environmental fate, movement, degradation, exposure and risks to humans and animals. The EPA is also becoming more active in the analytical and regulatory aspects of PFCs.

Minnesota agencies are in frequent contact with researchers worldwide and are partnering in some projects to represent Minnesota's interests. These complementary efforts at the state, national and international levels are key to solving the complex scientific questions about PFCs, and providing reliable information that citizens, government and industry are counting on to make good decisions.

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Appendix A

PFC Monitoring Data Collected by the MPCA

Table A1. Perfluorinated Compounds in Rural Ambient Shallow Ground Water, October 2007

Location ID	Type	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA
FINE	Spring	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.01	< 5.01	< 5.01	< 2.51
BURR	Spring	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.92	< 4.92	< 4.92	< 2.46
RAINY	Spring	2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.86	< 4.86	< 4.86	< 2.43
747009	Monitoring Well	22	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 5.07	< 5.07	< 5.07	< 2.54
492127	Monitoring Well	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 5.09	< 5.09	< 5.09	< 2.55
747010	Monitoring Well	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 4.95	< 4.95	< 4.95	< 2.47
244529	Monitoring Well	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 4.94	< 4.94	< 4.94	< 2.47
431151	Monitoring Well	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.91	< 4.91	< 4.91	< 2.46
244492	Monitoring Well	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 5.00	< 5.00	< 2.50
747014	Monitoring Well	**32.2**	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50
747011	Monitoring Well	6.38	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 5.08	< 5.08	< 5.08	< 2.54
747012	Monitoring Well	3.14	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.89	< 4.89	< 4.89	< 2.45
747014	Monitoring Well	20.4	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.89	< 4.89	< 4.89	< 2.45
747015	Monitoring Well	3.37	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 4.76	< 4.76	< 2.38
747016	Monitoring Well	**63**	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
747018	Monitoring Well	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.01	< 5.01	< 5.01	< 2.51
747019	Monitoring Well	< 2.61	< 2.61	< 2.61	< 2.61	< 2.61	< 2.61	< 2.61	< 2.61	< 2.61	< 5.22	< 5.22	< 5.22	< 2.61
639515 [a]	Monitoring Well	23.3	< 11.6	< 3.88	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
639515 [b]	Monitoring Well	22	< 9.04	< 4.26	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.89	< 4.89	< 4.89	< 2.45
623617 [a]	Monitoring Well	6.65	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
623617 [a,c]	Monitoring Well	4.21	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	< 5.01	< 2.50
623617 [b]	Monitoring Well	3.97	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	< 5.10	< 5.10	< 2.55
equipment blank [c]	N/A	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.99	< 4.99	< 4.99	< 2.49

All units are nanograms per liter (parts per trillion)

[a] sample collected early in the purge

[b] sample collected late in the purge

[c] dedicated teflon tubing used for this sample

< indicates less than the detection limit. Number following the symbol represents the detection limit

Grayed detected values indicate that the detected concentration is below the Reporting Level of 25 ng/L

PFBA in Shallow Ground Water in Rural Areas
October 2007

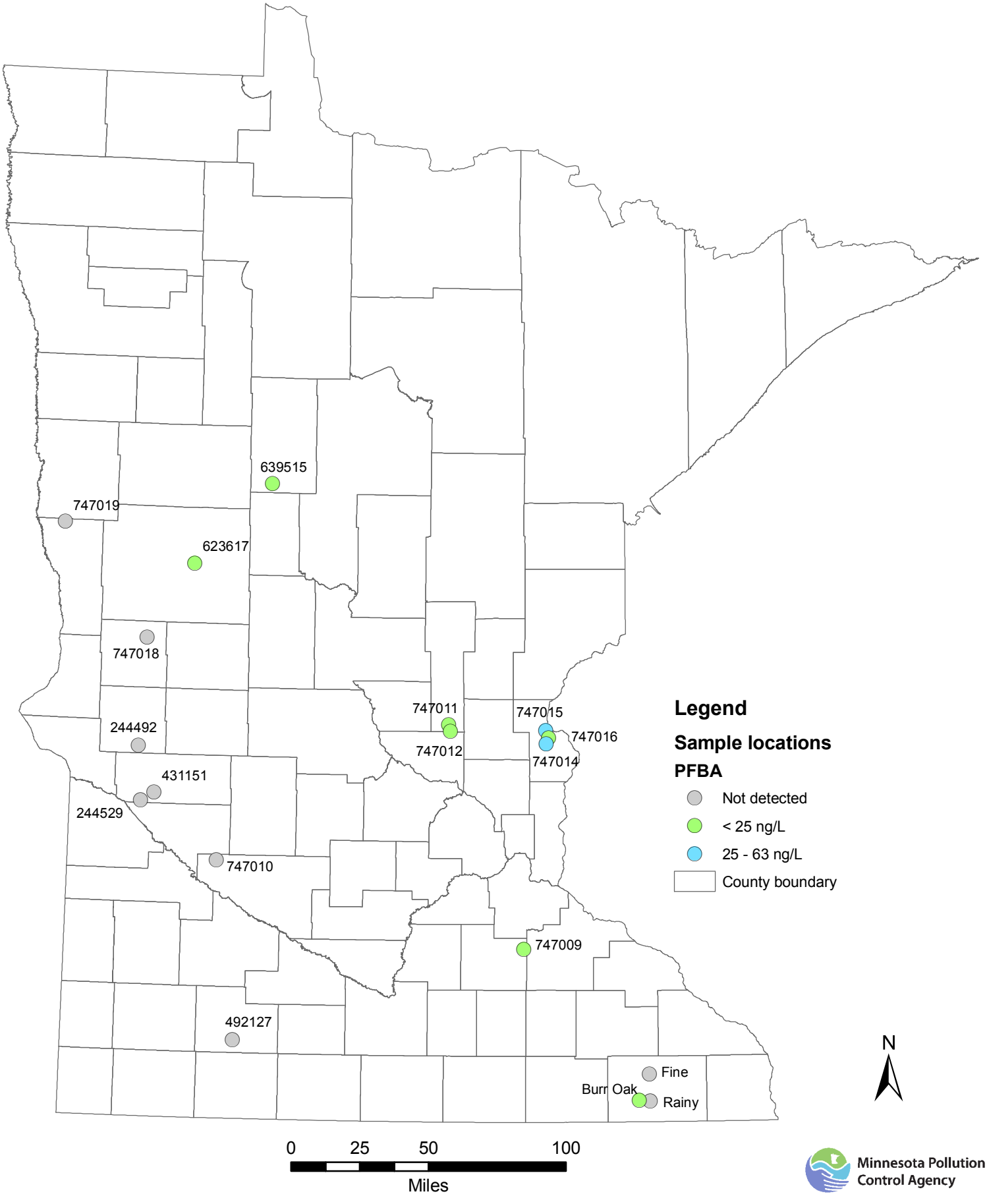


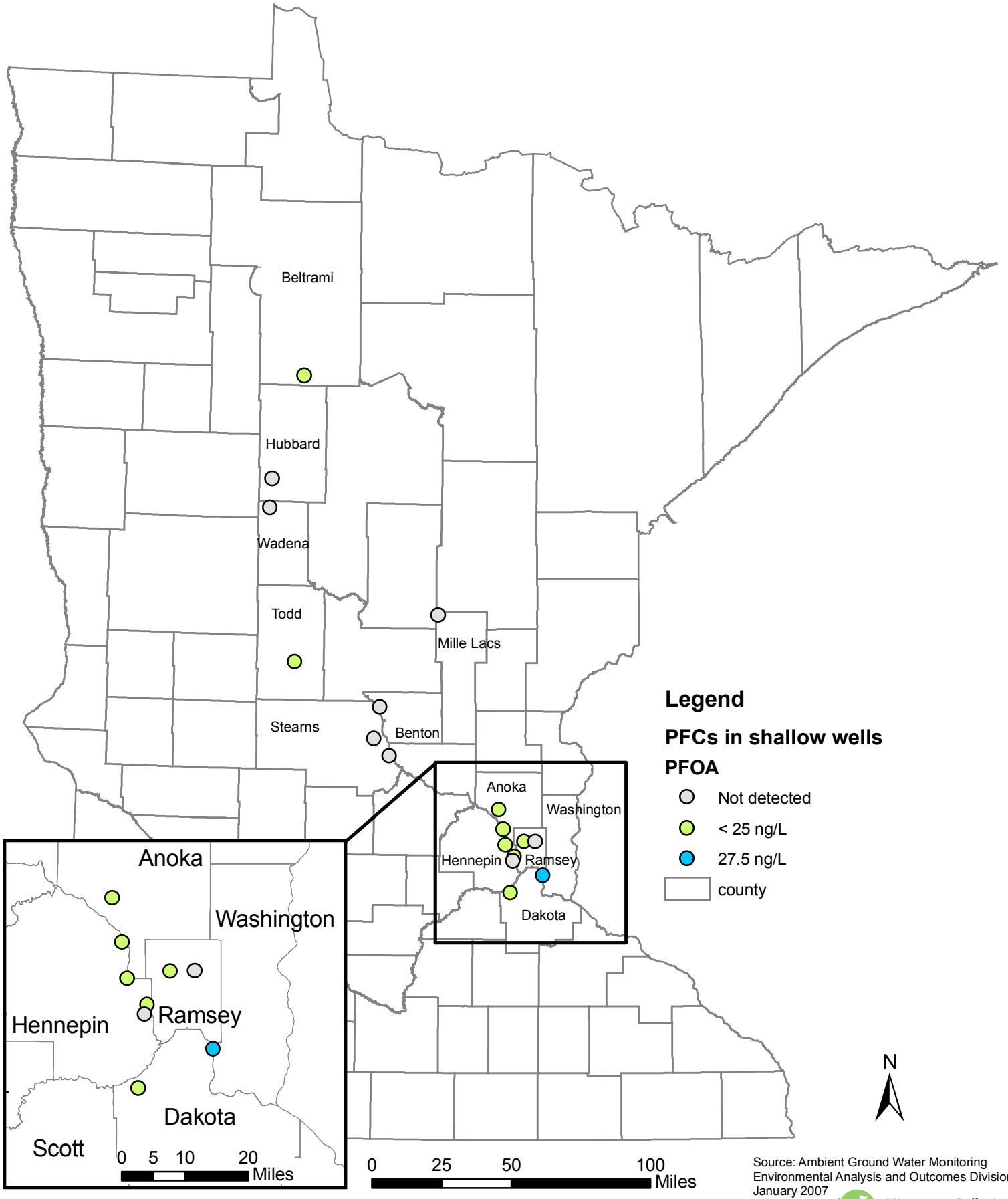
Table A2. Perfluorinated Compounds in Urban Ambient Shallow Ground Water, 2006 - 2007

Ambient ID	Sample Date [a]	Land Use	City	County	PFBA	PFOA	PFOS	PFPeA	PFHxA	PFHpA	PFBS	PFHxS	PFNA
2495	November 2006	Sewered residential	Anoka	Anoka	**43.4**	17.2	< 2.29	8.54	7.72	15.1	< 2.80	9.85	< 0.929
2495	December 2006	Sewered residential	Anoka	Anoka	12.5	12.7	< 2.22	3.05	2.66	6.86	3.1	3.64	< 1.14
2495	November 2007	Sewered residential	Anoka	Anoka	14.8	19.7	< 5.07	4.61	4.15	2.92	< 5.07	< 5.07	< 2.54
1071	November 2006	Industrial	Minneapolis	Hennepin	**61.3**	< 1.11	< 2.31	1.71	1.35	< 2.63	5.37	< 2.57	< 0.934
1071	December 2006	Industrial	Minneapolis	Hennepin	**59.5**	1.33	< 2.24	2.75	1.38	< 1.38	7.05	< 2.24	< 1.14
1071	November 2007	Industrial	Minneapolis	Hennepin	**61.8**	< 2.64	< 5.27	< 3.05	< 3.27	< 4.54	< 5.27	< 5.27	< 2.64
1070	November 2006	Industrial	Arden Hills	Ramsey	**279**	17	3.49	< 53.7	10.5	8.37	< 2.83	4.66	< 1.55
1070	December 2006	Industrial	Arden Hills	Ramsey	**266**	24.8	< 2.25	13.4	14.8	6.94	< 14.3	7.46	1.21
8180	November 2006	Sewered residential	Vadnais Heights	Ramsey	**347**	< 1.11	< 2.41	6.87	< 0.946	1.58	< 2.81	< 2.56	< 0.930
8180	December 2006	Sewered residential	Vadnais Heights	Ramsey	**468**	1.1	< 2.23	6.33	< 1.05	< 1.05	< 2.21	< 2.23	< 1.14
8180	November 2007	Sewered residential	Vadnais Heights	Ramsey	**230**	< 2.55	< 5.10	5.8	< 2.55	< 2.98	< 5.10	< 5.10	< 2.55
1069	November 2006	Industrial	Newport	Washington	**716**	**27.5**	**37**	**38.8**	24.1	7.07	24.4	**77.8**	< 0.929
1069	December 2006	Industrial	Newport	Washington	**922**	23	19.7	**55.8**	**31.1**	5.91	**39.9**	**69.6**	< 1.14
1069	November 2007	Industrial	Newport	Washington	**51.1**	32.4	7.26	10.2	6.82	2.78	< 5.12	< 5.12	< 2.56
1060	November 2006	Commercial	Burnsville	Dakota	22	8.84	2.79	5.01	2.38	3.7	< 2.83	< 2.58	< 0.938
1021	November 2006	Industrial	Minneapolis	Hennepin	**43.6**	8.58	< 2.28	3.1	2.94	2.16	< 2.79	2.92	< 0.923
1021	November 2007	Industrial	Minneapolis	Hennepin	**30.5**	7.17	< 10.3	< 5.13	< 5.13	< 5.13	< 10.3	< 10.3	< 5.13
2505	November 2006	Sewered residential	Minneapolis	Hennepin	**43.9**	1.36	2.39	2.91	< 0.944	< 1.10	< 2.80	< 2.56	< 0.929
2505	November 2007	Sewered residential	Minneapolis	Hennepin	**49.7**	< 2.54	< 5.08	< 2.54	< 2.54	< 2.54	< 5.08	< 5.08	< 2.54
2522	November 2006	Sewered residential	Minneapolis	Hennepin	20.4	6.64	**31**	4.78	3.11	< 2.73	< 5.77	24.4	< 2.98
2522	November 2007	Sewered residential	Minneapolis	Hennepin	11.6	4.06	13.7	< 4.81	< 4.08	< 5.60	< 5.17	6.01	< 2.59
12702	November 2006	Sewered residential	Bemidji	Beltrami	1.34	7.28	18.2	1.44	2.45	1.4	< 2.28	6.7	< 1.18
8192	November 2006	Transitional	Rice	Benton	< 2.87	< 2.39	< 5.53	< 2.51	< 2.59	< 2.59	< 5.47	< 5.53	< 2.83
12731	November 2006	Non-sewered residential	Garrison	Mille Lacs	23.4	< 1.00	< 2.30	< 1.05	< 1.22	< 1.37	< 2.28	< 2.30	< 1.18
1097	November 2006	Undeveloped	St. Cloud	Stearns	< 2.86	< 2.39	< 5.52	< 2.50	< 2.58	< 2.58	< 5.46	< 5.52	< 2.82
1099	November 2006	Commercial	St. Cloud	Stearns	5.02	< 2.52	< 5.82	< 2.64	< 2.72	< 2.72	< 5.76	< 5.82	< 2.97
8177	November 2006	Commercial	Long Praire	Todd	3.76	7.86	2.78	1.06	3.64	1.15	< 2.23	**45.7**	< 1.15
1107	November 2006	Undeveloped	Bemidji	Wadena	< 1.18	< 0.988	< 2.28	< 1.03	< 1.07	< 1.07	< 2.25	< 2.28	< 1.16
8176	November 2006	Sewered residential	Park Rapids	Wadena	< 1.21	< 1.02	< 2.34	< 1.06	< 1.10	< 1.10	< 2.32	< 2.34	< 1.20

All units are nanograms per liter (parts per trillion)
PFDA, PFUnA, PFDoA, and PFOSA were also analyzed, but were not detected in any sample
< indicates less than the detection limit. Number following the symbol represents the detection limit
Grayed detected values indicate that the detected concentration is below the Reporting Level of 25 ng/L
QA/QC of these results are in-process

[a] November 2006 samples were collected using a minimum purge protocol; Other samples were collected using a standard purge protocol

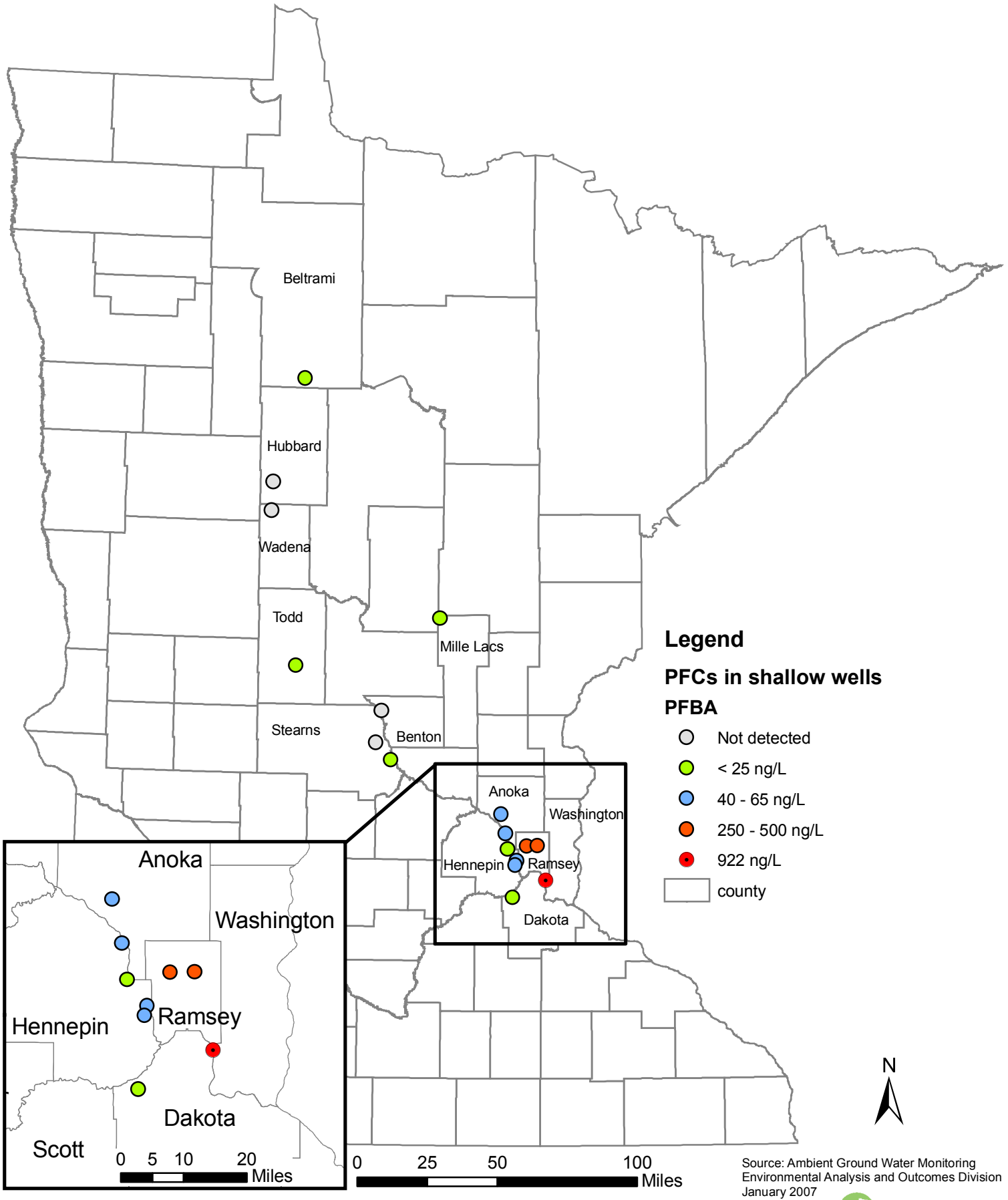
PFOA in Shallow Ground Water
November/December 2006 Sampling



Source: Ambient Ground Water Monitoring
Environmental Analysis and Outcomes Division
January 2007

Minnesota Pollution Control Agency

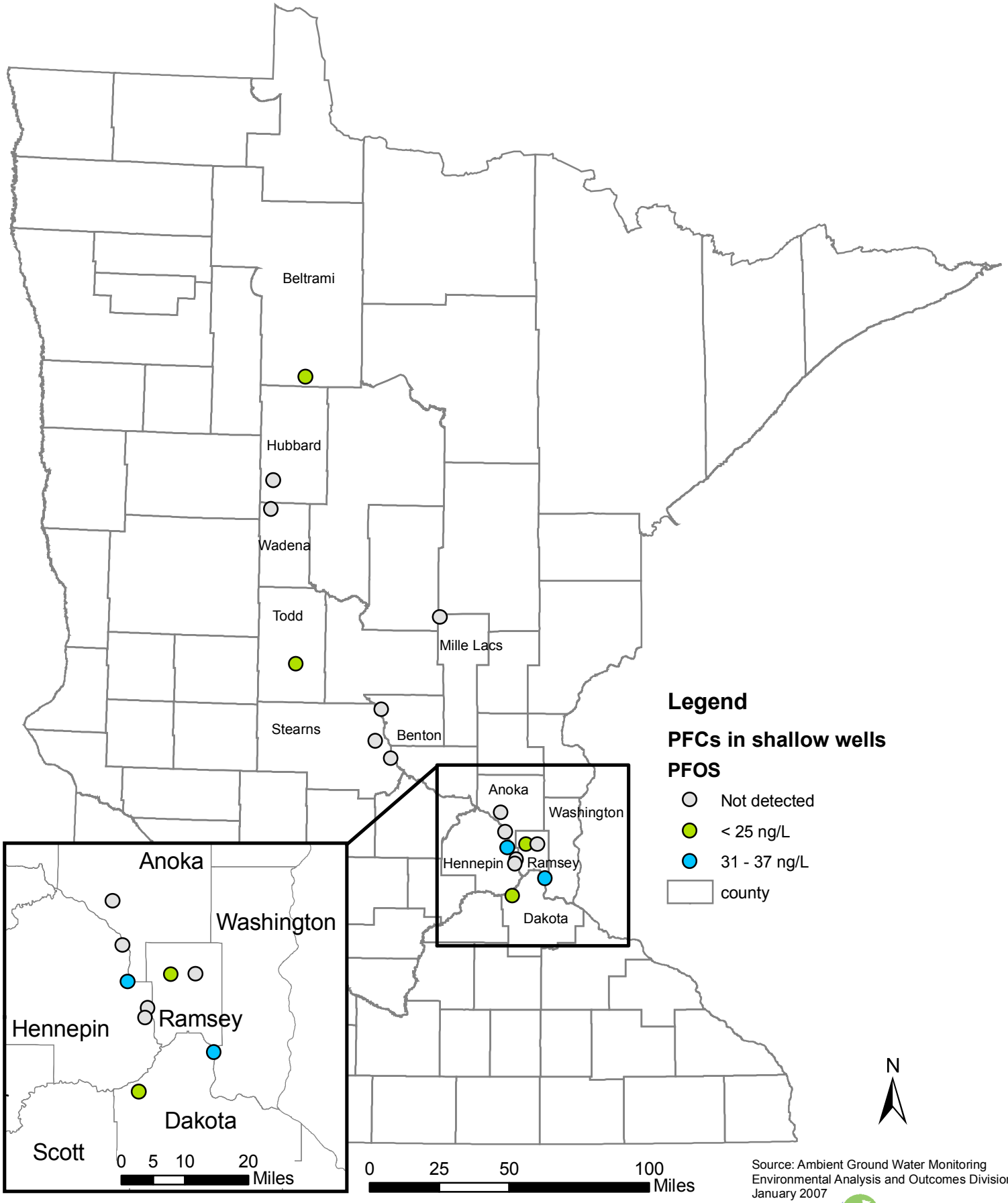
PFBA in Shallow Ground Water
November/December 2006 Sampling



Source: Ambient Ground Water Monitoring
Environmental Analysis and Outcomes Division
January 2007

Minnesota Pollution Control Agency

PFOS in Shallow Ground Water
November/December 2006 Sampling



Source: Ambient Ground Water Monitoring
Environmental Analysis and Outcomes Division
January 2007

Minnesota Pollution Control Agency

Table A3. 2006 Surface Water Samples

				ng/L (ppt)													
	location	**date**	**depth**	**PFBA**	**PFPeA**	**PFHxA**	**PFHpA**	**PFOA**	**PFNA**	**PFDA**	**PFUnA**	**PFDoA**	**PFBS**	**PFHxS**	**PFOS**	**PFOSA**
St. Croix River #1	1mile North of Wildriver State Park access (Nevers Dam) and 4 miles South of Wildriver State Park access	11/8/2006	surface	3.37	< 2.54	< 2.62	< 2.62	< 2.42	< 2.86	< 2.77	< 3.24	< 2.48	< 5.54	< 5.60	< 5.60	< 2.26
St. Croix River #2		11/8/2006	surface	< 4.82	< 4.22	< 4.35	< 4.35	< 4.02	< 4.75	< 4.60	< 5.38	< 4.12	< 9.20	< 9.30	< 9.30	< 3.75
St. Croix River #3		11/8/2006	surface	5.77	< 2.52	< 2.60	< 2.60	< 2.41	< 2.84	< 2.75	< 3.22	< 2.47	< 5.51	< 5.57	< 5.57	< 2.25
Mississippi River Pool 3 #1	dock 5	11/9/2006	surface	547	31.3	16.4	4.14	32.5	< 2.94	< 2.85	< 3.33	< 2.55	47.3	26.5	19	< 2.33
Mississippi River Pool 3 #2	Kings Cove - mid channel	11/9/2006	surface	412	29.5	15.8	4.76	31.4	< 2.94	< 2.84	< 3.33	< 2.55	55.2	27.1	23.1	< 2.32
Mississippi River Pool 3 #3	Kings Cove - lower	11/9/2006	surface	192	24	14.7	3.3	27.3	< 2.95	< 2.86	< 3.35	< 2.56	67.1	17.7	37.8	< 2.33
Calhoun (Hennepin) #1	north	11/15/2006	surface	25.4	5.07	4.35	3.3	18.1	< 2.81	< 2.72	< 3.18	< 2.44	< 5.44	< 5.50	105	< 2.22
Calhoun (Hennepin) #2	middle	11/15/2006	surface	24.2	4.43	4.41	3.72	20.5	< 2.86	< 2.77	< 3.24	< 2.48	< 5.54	< 5.60	115	2.57
Calhoun (Hennepin) #3	south	11/15/2006	surface	26.7	< 4.59	5.25	3.57	20.7	< 2.84	< 2.75	< 3.22	< 2.47	< 5.51	< 5.57	104	< 2.25
	Lake ID															
Tettegouche (Lake) A	38-0231	11/9/2006	surface	< 11.2	< 1.49	< 1.08	< 1.08	1.42	1.32	< 1.14	< 1.34	< 1.02	< 2.28	< 2.31	< 2.31	< 0.932
Tettegouche (Lake) B	38-0231	11/9/2006	12"	< 6.48	< 1.02	< 1.24	< 1.16	1.19	< 1.15	< 1.11	< 1.30	< 0.994	< 2.22	< 2.24	< 2.24	< 0.906
Dyers (Cook)	16-0634	11/9/2006	surface	< 4.88	< 1.36	< 1.02	< 1.76	< 0.947	< 1.12	< 1.08	< 1.26	< 0.967	< 2.16	< 2.18	< 2.18	< 0.881
Long Lake (Kandiyohi)	34-0066	11/8/2006	surface	10.3	< 1.04	< 1.07	< 1.07	< 0.992	< 1.17	< 1.13	< 1.32	< 1.01	< 2.26	< 2.29	< 2.29	< 0.922
Sagatagan (Sterns) A	73-0092	11/8/2006	surface	11.7	< 1.70	< 1.10	1.34	1.85	< 1.20	< 1.17	< 1.36	< 1.04	< 2.33	< 2.36	< 2.36	< 0.952
Sagatagan (Sterns) B	73-0092	11/8/2006	12"	15.2	< 1.04	< 1.07	< 1.07	1.39	< 1.17	< 1.14	< 1.33	< 1.02	< 2.27	< 2.30	< 2.30	< 0.926
Long Lake (Itasca)	31-0570	11/9/2006	surface	11.3	< 1.02	< 1.05	< 1.05	0.988	< 1.15	< 1.11	< 1.30	< 0.998	< 2.23	< 2.25	< 2.25	< 0.909

Table A4. 2007 Brainerd Area Mississippi River Surface Water Samples

Sample ID	Collection Date	Collection Time	Site Description	Lat	Lon	PFOS	PFOA	PFBA	PFBS	PFPeA	PFHxA	PFHpA	PFNA	PFDA	PFUnA	PFDoA	PFHxS	PFOSA
BR101707-01	10/17/2007	14:12	above paper plant	46.38189	94.17927	< 9.87	< 4.94	6.29	< 9.87	< 4.94	< 4.94	< 5.36	< 4.94	< 4.94	< 4.94	< 4.94	< 9.87	< 4.94
BR101707-02	10/17/2007	14.14	above paper plant (dup)	46.38189	94.17927	< 5.04	< 2.52	5.37	< 5.04	< 2.52	< 2.52	< 4.41	< 2.52	< 2.52	< 2.52	< 2.52	< 5.04	< 2.52
BR101707-03	10/17/2007	16:15	monitoring station S002-640	46.34826	94.20765	< 4.97	< 2.49	5.43	< 4.97	< 4.75	< 2.76	< 2.87	< 2.49	< 2.49	< 2.49	< 2.49	< 4.97	< 2.49
BR101707-04	10/17/2007	16:16	monitoring station S002-640 (dup)	46.34826	94.20765	< 4.94	< 2.47	4.45	< 4.94	< 2.47	< 2.68	< 3.07	< 2.47	< 2.47	< 2.47	< 2.47	< 4.94	< 2.47
BR101707-05	10/17/2007	16:00	at WWTP discharge	46.33363	94.23067	93.6	5.67	4.35	20.2	< 4.15	3.56	< 2.61	2.58	< 2.51	< 2.51	< 2.51	< 5.02	< 2.51
BR101707-06	10/17/2007	16:01	at WWTP discharge (dup)	46.33363	94.23067	102	4.99	5.55	26	< 3.53	4.49	< 2.95	3.07	< 2.54	< 2.54	< 2.54	< 5.09	< 2.54
BR101707-07	10/17/2007	15:53	below WWTP discharge	46.33114	94.23488	< 5.06	< 2.53	3.9	< 5.06	< 2.88	< 2.53	< 3.40	< 2.53	< 2.53	< 2.53	< 2.53	< 5.06	< 2.53
BR101707-08	10/17/2007	15:55	below WWTP discharge (dup)	46.33114	94.23488	< 5.10	< 2.55	6.97	< 5.10	< 2.73	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	< 2.55
BR101707-09			Trip Blank			< 4.97	< 2.49	< 2.49	< 4.97	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.97	< 2.49

Table A5. Mississippi River Surface Water Samples, June 2008

all samples collected at approximately 12 inches below surface

	ng/L (ppt)												
	PFBA	**PFPeA**	**PFHxA**	**PFHpA**	**PFOA**	**PFNA**	**PFDA**	**PFUnA**	**PFDoA**	**PFBS**	**PFHxS**	**PFOS**	**PFOSA**
Pool 3	23.1	3.99	3.6	3.56	5.95	< 2.53	< 2.53	< 2.53	< 2.53	< 5.06	< 5.06	5.32	< 2.53
Pool 3	24.1	< 4.06	5.22	< 2.96	6.34	< 2.66	< 2.56	< 2.56	< 2.56	< 5.11	6.6	6.44	< 2.56
Pool 3	26.1	< 3.17	4.22	3.47	11	< 2.45	< 2.45	< 2.45	< 2.45	< 4.89	5.31	5.82	< 2.45
Pool 3	33.5	< 4.03	4.82	3.37	8.62	< 2.92	< 2.51	< 2.51	< 2.51	< 5.01	6.52	6.95	< 2.51
Pool 3	36.1	7.18	5.43	< 4.80	8.96	< 4.80	< 4.80	< 4.80	< 4.80	< 9.61	< 9.61	< 9.61	< 4.80
Pool 3	35.4	5.97	4.26	< 2.81	8.79	< 2.41	< 2.41	< 2.41	< 2.41	< 4.82	< 4.82	5.98	< 2.41
Pool 3	31.6	< 2.51	4.18	< 2.51	10.1	< 2.51	< 2.51	< 2.51	< 2.51	< 5.02	5.55	5.66	< 2.51
Pool 3	15.2	< 3.65	3.79	< 2.60	3	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Pool 3	14.7	< 3.77	< 2.62	< 2.68	5.18	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	6.11	< 2.50
Pool 3	12.4	< 2.47	< 2.47	< 2.58	3.93	< 2.47	< 2.47	< 2.47	< 2.47	< 4.94	5.04	4.95	< 2.47
Pool 3	9.7	< 2.50	3.11	< 2.50	3.19	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 5.00	6.75	< 2.50
Pool 2	8.06	< 2.76	3	< 2.50	4.24	< 3.50	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50
Pool 2	8.44	< 5.84	< 2.47	3.58	3.96	< 3.10	< 2.47	< 2.47	< 2.47	< 4.94	< 4.94	< 4.94	< 2.47
Pool 2	6.38	< 2.47	3.09	< 3.03	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 4.94	< 4.94	< 4.94	< 2.47
Pool 2	14.7	< 2.44	4.72	< 2.44	5.86	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 4.88	< 4.88	< 2.44
Pool 2	11.2	< 4.90	5.62	< 4.90	< 4.90	< 4.90	< 4.90	< 4.90	< 4.90	< 9.79	< 9.79	< 9.79	< 4.90
Pool 2	12.3	< 2.47	4.12	< 2.47	3.2	< 2.47	< 2.47	< 2.47	< 2.47	< 4.95	< 4.95	< 4.95	< 2.47
Pool 2	12.3	< 2.88	4.5	< 2.72	3.73	< 2.52	< 2.52	< 2.52	< 2.52	< 5.05	< 5.05	< 5.05	< 2.52
Pool 2	10	< 2.55	< 2.55	< 2.55	3.44	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	< 5.10	< 5.10	< 2.55
Pool 2	16.7	< 2.47	2.53	< 2.47	5.11	< 2.47	< 2.47	< 2.47	< 2.47	< 4.94	< 4.94	< 4.94	< 2.47
Pool 2	14.5	< 2.48	2.59	< 2.48	3.68	< 2.48	< 2.48	< 2.48	< 2.48	< 4.96	< 4.96	< 4.96	< 2.48
Pool 2	14.6	< 2.42	5.23	< 2.42	4.18	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 4.83	< 4.83	< 2.42

Table A6. 2008 Surface Water

	Cty Rd 9 Drainage Ditch ng/L (ppt)							**Rice Lake** ng/L (ppt)							**Fish Lake** ng/L (ppt)						
	1	2	3	**avg**	**median**	**min**	**max**	1	2	3	**avg**	**median**	**min**	**max**	1	2	3	**avg**	**median**	**min**	**max**
PFBA	18.6	15.3	14.1	16.0	15.3	14.1	18.6	12.9	12.1	10.9	12.0	12.1	10.9	12.9	3.46	3.81	3.74	3.7	3.7	3.5	3.8
PFPeA	24	25.7	26.9	25.5	25.7	24	26.9	16.5	18.5	18.3	17.8	18.3	16.5	18.5	< 4.20	< 2.53	< 2.55	<dl	<dl	<dl	<dl
PFHxA	81.6	80.5	76.3	79.5	80.5	76.3	81.6	43.2	56.6	54	51.3	54.0	43.2	56.6	5.2	4.82	4.56	4.9	4.8	4.6	5.2
PFHpA	18.7	19.7	19	19.1	19	18.7	19.7	15	17.9	15.2	16.0	15.2	15.0	17.9	< 5.96	< 7.60	< 6.09	<dl	<dl	<dl	<dl
PFOA	59	56.5	48.1	54.5	56.5	48.1	59	38.2	38.8	42	39.7	38.8	38.2	42.0	4.6	3.67	4.23	4.2	4.2	3.7	4.6
PFNA	< 2.54	3.06	< 5.04	3.1	3.06	3.06	3.06	< 2.54	< 2.49	< 2.53	<dl	<dl	<dl	<dl	< 2.53	< 2.53	< 2.55	<dl	<dl	<dl	<dl
PFDA	< 2.54	< 2.49	< 5.04	<dl	<dl	<dl	<dl	< 2.54	< 2.49	< 2.53	<dl	<dl	<dl	<dl	< 2.53	< 2.53	< 2.55	<dl	<dl	<dl	<dl
PFUnA	< 2.54	< 2.49	< 5.04	<dl	<dl	<dl	<dl	< 2.54	< 2.49	< 2.53	<dl	<dl	<dl	<dl	< 2.53	< 2.53	< 2.55	<dl	<dl	<dl	<dl
PFDoA	< 2.54	< 2.49	< 5.04	<dl	<dl	<dl	<dl	< 2.54	< 2.49	< 2.53	<dl	<dl	<dl	<dl	< 2.53	< 2.53	< 2.55	<dl	<dl	<dl	<dl
PFBS	37	42.9	48.4	42.8	42.9	37	48.4	28.6	27.5	27.3	27.8	27.5	27.3	28.6	< 5.06	< 5.06	< 5.10	<dl	<dl	<dl	<dl
PFHxS	353	384	363	367	363	353	384	236	255	253	248	253	236	255	15.1	17.6	17.3	16.7	17.3	15.1	17.6
PFOS	132	140	102	125	132	102	140	110	108	122	113	110	108	122	19.7	9.78	8.84	12.8	9.8	8.8	19.7
PFOSA	< 2.54	< 2.49	< 5.04	<dl	<dl	<dl	<dl	< 2.54	< 2.49	< 2.53	<dl	<dl	<dl	<dl	< 2.53	< 2.53	< 2.55	<dl	<dl	<dl	<dl

Table A7. Mississippi and Minnesota River water samples collected for PFC analysis, April 2008

Note: data from other rivers (Elk and Snake rivers are tributaries of the Mississippi; MN-16 is removed from the watersheds)

Site Description	estimated value		ng/L (ppt)												
Minnesota	**Collection Date**	**Collection Time**	**PFBA**	**PFPeA**	**PFHxA**	**PFHpA**	**PFOA**	**PFNA**	**PFDA**	**PFUnA**	**PFDoA**	**PFBS**	**PFHxS**	**PFOS**	**PFOSA**
Mississippi River: County Road 7 near Bemidji, MN	4/29/2008	7:38	< 2.58	< 3.69	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 5.15	< 5.15	< 5.15	< 2.58
Mississippi River: State Hwy 197 in Bemidji, MN	4/29/2008	8:25	< 3.39	< 4.66	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 5.13	< 5.13	< 5.13	< 2.57
Mississippi River: Grand Rapids, MN	4/29/2008	10:45	6.57	< 3.58	< 2.52	< 2.52	< 2.52	3.18	< 2.52	< 2.52	< 2.52	< 5.03	< 5.03	< 5.03	< 2.52
Mississippi River: Grand Rapids, MN (dup)	4/29/2008	10:46	< 3.80	< 3.73	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	< 5.10	< 5.10	< 2.55
Mississippi River: County Hwy 1 in Aitkin, MN	4/29/2008	12:58	< 3.77	< 3.32	< 2.47	< 3.52	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 4.94	< 4.94	< 4.94	< 2.47
Mississippi River: above paper plant in Brainerd, MN	4/29/2008	15:05	5.42	< 3.43	< 2.58	< 4.99	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 5.15	< 5.15	< 5.15	< 2.58
Mississippi River: boat landing below paper plant in Brainerd, MN	4/29/2008	16:05	< 3.35	< 3.51	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 5.06	< 5.06	< 5.06	< 2.53
Mississippi River: park dock near monitoring station S002-640 in Brainerd, MN	4/29/2008	16:45	6.7	< 4.63	< 2.54	< 2.73	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 5.09	< 5.09	< 5.09	< 2.54
Mississippi River: near Fort Ripley, MN	4/30/2008	7:37	5.34	< 5.68	< 5.07	< 4.84	< 4.97	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	< 5.01	< 2.50
Mississippi River: downstream of Platte River near Rice, MN	4/30/2008	8:48	3.95	< 3.04	< 2.56	< 4.85	< 4.97	< 2.56	< 2.56	< 2.56	< 2.56	< 5.12	< 5.12	< 5.12	< 2.56
Mississippi River: at Sauk Rapids, MN	4/30/2008	9:34	6.87	< 5.36	< 6.37	< 5.15	< 7.13	< 7.80	< 2.54	< 2.54	< 2.54	< 5.08	< 5.08	< 5.08	< 2.54
Mississippi River: near Clearwater, MN, downstream of St. Cloud WWTP	4/30/2008	10:20	4.23	< 3.90	< 3.84	< 5.77	< 2.80	< 2.59	< 2.59	< 2.59	< 2.59	< 5.18	< 5.18	< 5.18	< 2.59
Mississippi River: near Clearwater, MN, downstream of St. Cloud WWTP (dup)	4/30/2008	10:21	7.07	< 6.88	< 2.54	< 3.38	< 2.54	< 6.72	< 2.54	< 2.54	< 2.54	< 5.07	< 5.07	< 5.07	< 2.54
Elk River: north of Clear Lake – junction cty #20 & #16	4/30/2008	11:15	6.57	< 5.11	< 7.54	< 5.06	< 4.11	< 7.38	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50
Snake River: near Mora, MN – boat landing on cty #6	4/30/2008	12:50	4.1	< 3.20	< 5.90	< 5.82	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 5.04	< 5.04	< 5.04	< 2.52
Creek to Rice Lake: near Duluth, MN – cty #9 crossing	4/30/2008	16:05	< 5.16	11.9	31.3	16.2	36.4	< 5.51	< 5.16	< 5.16	< 5.16	16.2	168	58.2	< 5.16
Rum River: just above the confluence with Miss. River	5/9/2008	17:30	8.31	< 3.56	< 2.53	< 4.26	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 5.06	< 5.06	< 5.06	< 2.53
Mississippi River: Elk River	5/9/2008	18:00	6.14	< 2.49	< 2.58	< 3.49	< 2.49	< 5.65	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Mississippi River: Brooklyn Park	5/9/2008	4:30	< 4.83	< 6.61	< 4.83	< 6.39	< 4.83	< 4.83	< 4.83	< 4.83	< 4.83	< 9.66	< 9.66	< 9.66	< 4.83
Mississippi River: Hidden Falls, above Minn River	5/9/2008	1:30	5.51	< 3.51	< 2.46	< 4.03	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 4.93	< 4.93	< 2.46
Minnesota River: at Fort Snelling before confluence	5/9/2008	12:30	3.41	< 2.51	< 2.51	< 4.33	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.03	< 5.03	< 5.03	< 2.51
Minnesota River: at Fort Snelling before confluence (dup)	5/9/2008	12:30	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 2.57	< 5.14	< 5.14	< 5.14	< 2.57
Mississippi River: St. Paul, 494 Bridge below WWTP	5/9/2008	11:30	6.89	< 6.91	< 2.51	< 6.85	< 2.51	< 3.92	< 2.51	< 2.51	< 2.51	< 5.02	< 5.02	< 5.02	< 2.51
Mississippi River: St. Paul, 494 Bridge below WWTP (dup)	5/9/2008	11:30	3.64	< 2.52	< 2.52	< 2.92	< 2.52	< 3.60	< 2.52	< 2.52	< 2.52	< 5.05	< 5.05	< 5.05	< 2.52
Mississippi River: Nininger, above 3M	5/9/2008	10:30	9.64	< 6.98	< 2.49	< 5.16	2.79	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Mississippi River: Nininger, above 3M (dup)	5/9/2008	10:30	6.11	< 3.09	< 2.54	< 5.16	< 2.54	< 3.28	< 2.54	< 2.54	< 2.54	< 5.07	< 5.07	< 5.07	< 2.54
Mississippi River: Hastings below 3M	5/9/2008	9:30	13.5	< 2.92	< 2.57	< 4.87	2.8	< 2.57	< 2.57	< 2.57	< 2.57	< 5.13	< 5.13	5.23	< 2.57
Mississippi River: Hastings below 3M (dup)	5/9/2008	9:30	11.3	< 2.49	< 2.49	< 4.83	3.75	< 3.45	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Minnesota River: Ortonville	5/7/2008	13:30	5.47	< 2.69	< 2.54	< 2.89	< 2.54	< 3.08	< 2.54	< 2.54	< 2.54	< 5.07	< 5.07	5.16	< 2.54
Minnesota River: Granite Falls	5/7/2008	10:00	4.4	< 2.84	< 2.48	< 3.30	< 2.48	< 5.04	< 2.48	< 2.48	< 2.48	< 4.97	< 4.97	< 4.97	< 2.48
Minnesota River: Mankato, above Blue Earth	5/6/2008	4:30	2.72	< 3.40	< 2.52	< 3.24	< 2.52	< 3.15	< 2.52	< 2.52	< 2.52	< 5.05	< 5.05	< 5.05	< 2.52
Minnesota River: Mankato, downriver of Blue Earth	5/6/2008	3:30	< 2.48	< 2.48	< 2.48	< 3.82	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.96	< 4.96	< 4.96	< 2.48
Minnesota River: Mankato, downriver of Blue Earth (dup)	5/6/2008	3:30	3.05	< 6.85	< 2.53	< 3.43	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 5.06	< 5.06	< 5.06	< 2.53
Minnesota River: Downriver of Seven Mile Creek	5/6/2008	2:30	3.39	< 2.49	< 2.49	< 2.92	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49

Table A8. Mississippi and Minnesota River water samples collected for PFC analysis, August 2008

estimated value

Minnesota Site Description	Collection Date	Collection Time	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA
Mississippi River: County Road 7 near Bemidji, MN	8/18/2008	17:02	2.62	< 2.48	< 2.48	< 3.29	< 2.48	3.01	< 2.48	< 2.48	< 2.48	< 4.96	< 4.96	< 4.96	< 2.48
Mississippi River: State Hwy 197 in Bemidji, MN	8/18/2008	17:30	3.29	< 2.51	< 2.51	< 2.51	2.62	< 2.51	< 2.51	< 2.51	< 2.51	< 5.03	< 5.03	< 5.03	< 2.51
Mississippi River: Grand Rapids, MN	8/19/2008	8:45	3.94	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 5.06	< 5.06	< 5.06	< 2.53
Mississippi River: Grand Rapids, MN (dup)	8/19/2008	8:46	3.56	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	< 5.01	< 2.50
Mississippi River: County Hwy 1 in Aitkin, MN	8/19/2008	11:15	4.83	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.97	< 4.97	< 4.97	< 2.49
Mississippi River: above paper plant in Brainerd, MN	8/19/2008	12:40	3.52	< 2.56	< 2.56	< 2.56	< 2.56	4.24	< 2.56	< 2.56	< 2.56	< 5.12	< 5.12	< 5.12	< 2.56
Mississippi River: near paper plant in Brainerd, MN	8/19/2008	14:15	4.73	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 4.94	< 4.94	< 4.94	< 2.47
Mississippi River: monitoring station S002-640 in Brainerd, MN	8/19/2008	15:02	4.36	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.97	< 4.97	< 4.97	< 2.49
Mississippi River: at WWTP discharge in Brainerd, MN	8/19/2008	15:47	5.28	< 4.92	< 4.92	< 4.92	9.5	7.19	< 4.92	< 4.92	< 4.92	83	< 9.84	151	< 4.92
Mississippi River: at WWTP discharge in Brainerd, MN (dup)	8/19/2008	15:48	6.07	< 2.47	3.35	< 2.47	4.42	5.88	< 2.47	< 2.47	< 2.47	87.8	< 4.94	170	< 2.47
Mississippi River: below WWTP discharge in Brainerd, MN	8/19/2008	15:58	4.96	< 2.50	< 2.50	< 2.50	< 2.50	3.01	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50
Mississippi River: below WWTP discharge in Brainerd, MN (dup)	8/19/2008	15:59	4.4	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	< 5.01	< 2.50
Mississippi River: near Fort Ripley, MN	8/19/2008	18:00	3.51	< 2.50	< 2.50	< 2.50	< 2.50	4.19	< 2.50	< 2.50	< 2.50	< 5.00	< 5.00	< 5.00	< 2.50
Mississippi River: downstream of Platte River near Rice, MN	8/20/2008	8:06	3.65	< 2.48	< 2.48	< 2.48	< 2.48	2.65	< 2.48	< 2.48	< 2.48	< 4.96	< 4.96	< 4.96	< 2.48
Mississippi River: at Sauk Rapids, MN	8/20/2008	9:15	5.48	< 2.50	< 2.50	< 2.50	< 2.50	3.92	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50
Mississippi River near Clearwater, downstream of St. Cloud WWTP	8/20/2008	10:40	3.9	< 2.48	< 2.48	< 2.48	2.5	< 2.48	< 2.48	< 2.48	< 2.48	< 4.96	< 4.96	< 4.96	< 2.48
Mississippi River near Clearwater, downstream of St. Cloud WWTP (dup)	8/20/2008	10:41	5.1	< 2.48	< 2.48	< 2.48	< 2.48	2.79	< 2.48	< 2.48	< 2.48	< 4.96	< 4.96	< 4.96	< 2.48
Mississippi River: Elk River	8/19/2008		11.1	< 2.50	< 2.50	< 2.50	2.97	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	< 5.01	< 2.50
Rum River: just above the confluence with Miss. River	8/19/2008	16:43	7.2	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 5.04	< 5.04	< 5.04	< 2.52
Mississippi River: Brooklyn Park	8/19/2008	10:04	8.15	< 2.52	< 2.52	3.98	2.54	< 2.52	< 2.52	< 2.52	< 2.52	< 5.03	< 5.03	< 5.03	< 2.52
Mississippi River: Hidden Falls, above Minn River	8/19/2008	14:36	10.2	< 2.50	2.58	3.87	7.66	< 2.50	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50
Minnesota River: at Fort Snelling before confluence	8/19/2008	13:57	6.64	< 2.54	3.18	< 2.54	4.5	< 2.54	< 2.54	< 2.54	< 2.54	< 5.08	< 5.08	< 5.08	< 2.54
Minnesota River: at Fort Snelling before confluence (dup)	8/19/2008	13:57	5.94	2.84	2.72	< 2.58	4.02	< 2.58	< 2.58	< 2.58	< 2.58	< 5.15	< 5.15	< 5.15	< 2.58
Mississippi River: St. Paul, 494 Bridge below WWTP	8/19/2008	11:56	14.2	< 2.53	4.96	3.81	7.19	< 2.53	< 2.53	< 2.53	< 2.53	< 5.06	< 5.06	6.02	< 2.53
Mississippi River: St. Paul, 494 Bridge below WWTP (dup)	8/19/2008	11:56	15.3	3	6.03	2.72	7.25	< 2.61	< 2.61	< 2.61	< 2.61	< 5.22	< 5.22	6.2	< 2.61
Mississippi River: Nininger, above 3M	8/19/2008	10:48	23.2	3.69	6.29	4.42	8.55	< 2.57	< 2.57	< 2.57	< 2.57	< 5.15	< 5.15	7.95	< 2.57
Mississippi River: Nininger, above 3M (dup)	8/19/2008	10:48	21.1	3.41	4.87	3.18	8	< 2.54	< 2.54	< 2.54	< 2.54	5.61	< 5.07	8.13	< 2.54
Mississippi River: Hastings below 3M	8/19/2008	10:00	69.9	4.68	8.12	4.15	19.3	< 2.55	< 2.55	< 2.55	< 2.55	13.4	9.36	17.7	< 2.55
Mississippi River: Hastings below 3M (dup)	8/19/2008	10:00	63.9	7.1	8.44	3.19	19.6	< 2.58	< 2.58	< 2.58	< 2.58	13.6	9.87	16.7	< 2.58
Minnesota River: Ortonville	8/22/2008	10:50	3.01	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 5.08	< 5.08	< 5.08	< 2.54
Minnesota River: Granite Falls	8/22/2008	9:00	3.37	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	< 5.10	< 5.10	< 2.55
Minnesota River: Mankato, above Blue Earth	8/21/2008	12:00	2.82	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Minnesota River: Mankato, downriver of Blue Earth	8/21/2008	12:05	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	< 5.10	< 5.10	< 2.55
Minnesota River: Downriver of Blue Earth (dup)	8/21/2008	11:20	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 5.09	< 5.09	< 5.09	< 2.54
Minnesota River: Downriver of Seven Mile Creek	8/21/2008	11:20	< 5.17	< 5.17	< 5.17	< 5.17	< 5.17	< 5.17	< 5.17	< 5.17	< 5.17	< 10.3	< 10.3	< 10.3	< 5.17

2005 MPCA PFC Fish Data

Mississippi River Pool 2 Fish PFC analysis												
MPCA Species & Sample ID #	Sample Date	Analyzed as Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOA ng/g (ppb)	PFOS ng/g (ppb)	PFOSA ng/g (ppb)	PFPeA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Walleye												
WE-1	10/3/05	Fillet	3275	70	7/m	<0.581	13.1	1.35	<1.42	<0.644	<0.572	<0.682
WE-2	10/3/05	Fillet	1079	54	3/f	<0.614	75.5	3.61	<1.79	0.789	<0.604	1.21
WE-3	10/3/05	Fillet	1230	49	2/f	<0.591	180	26.4	<1.44	1.67	<0.581	1.03
WE-4	10/3/05	Fillet	3125	70	7/f	<0.538	45.5	3.35	<1.31	1.43	<0.529	<0.631
Carp												
Carp-1	10/3/05	Fillet	1771	53	4/m	1.24	347	21.4	<5.96	3.85	2.19	3.01
Carp-2	10/3/05	Fillet	2532	55	5/f	<0.602	73.5	<0.572	<5.87	1.26	<0.592	<0.706
Carp-3	10/3/05	Fillet	2416	57	5/m	<0.590	175	2.02	5.76	2.16	0.992	<0.693
Carp-4	10/3/05	Fillet	4675	61	6/f	<0.608	420	7.67	<5.93	4.06	1.36	0.957
Carp-5	10/3/05	Fillet	5175	62	6/f	<0.605	66.4	0.908	<5.90	1.68	0.803	<0.710
SM Bass												
SMB-1	10/3/05	Fillet	285	26	5/m	<0.619	269	34.1	<1.51	4.4	3.38	8.35
SMB-2	10/3/05	Fillet	252	26	4/m	<0.596	336	22.7	<1.45	5.05	3.36	6.03
SMB-3	10/3/05	Fillet	165	22	4/f	<0.607	167	6.77	<1.48	4.33	3.5	4
SMB-4	10/3/05	Fillet	303	28	5/m	<0.615	158	20.4	<1.50	3.4	2.47	3.81
SMB-5	10/3/05	Fillet	135	22	4/f	<0.591	122	6.16	<1.44	2.75	2.33	3.71
SMB-6	10/3/05	Fillet	215	26	4/f	<0.578	156	8.43	<1.41	3.79	3.17	5.17
White Bass												
WB-1	10/3/05	Fillet	416	31	2/f	<0.609	510	8.43	<1.48	6.55	3.08	2.31
WB-2	10/3/05	Fillet	780	37	4/f	<0.600	102	2.75	<1.83	2.6	<0.591	<0.705
WB-3	10/3/05	Fillet	441	32	2/f	<0.605	240	3.28	<1.48	3.88	1.71	1.27
WB-4	10/3/05	Fillet	219	24	1/f	1.17	1860	166	<1.53	17.5	9.07	11.1
WB-5	10/3/05	Fillet	665	38	4/f	<0.602	83.6	2.35	<1.47	1.88	0.93	1.02
Other												
SMBuffalo	10/3/05	fillet	2633	49	?/f	<0.605	374	32.7	<5.90	2.79	2.65	4.17
Emerald Shiner	10/3/05	Composite of 16 whole fish	28	3 to 5 cm	na	<0.603	93.5	8.63	<5.87	1.76	0.734	<0.706
Gizzard Shad	10/3/05	Composites of 29 whole fish from L8616-13	149 166 157	8 to 15 cm	na	A<0.618 B<0.605 C<0.598	52.7 71.5 120	10.7 11.1 18.5	19.1 15.3 13.7	<0.684 <0.670 0.841	<0.608 <0.595 <0.588	<0.725 <0.710 0.861

< = less than the detection limit; number following this symbol represents the detection limit

2005 MPCA PFC Fish Data

Mississippi River Lake Pepin Fish PFC analysis												
MPCA Species & Sample ID #	Sample Date	Analyzed as Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOA ng/g (ppb)	PFOS ng/g (ppb)	PFOSA ng/g (ppb)	PFPeA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Walleye												
WE-1	10/4/05	Fillet	741	42	1/f?	<0.603	47	1.52	<5.88	<0.668	<0.593	<0.708
WE-2	10/4/05	Fillet	861	47	2/f	<0.574	63.1	2.34	<5.60	1.53	<0.565	<0.674
WE-3	10/5/05	Fillet	2483	55	3/f	<0.605	49.4	1.77	<5.90	<0.670	<0.595	<0.710
WE-4	10/5/05	Fillet	1079	47	2/f	<0.579	83.4	2.14	<5.65	1.2	<0.569	<0.679
WE-5	10/5/05	Fillet	2252	60	5/f	<0.907	39.3	1.38	<1.86	<0.670	<0.595	<0.710
WE-6	10/5/05	Fillet	1180	47	3/m	<0.581	47.4	1.83	<1.50	1.07	<0.572	<0.682
Carp												
Carp-1	9/27/05	Whole Fish	3011	52	4/f	<0.587	65.5	2.9	<5.72	1.2	1.12	<0.688
Carp-2	9/27/05	Whole Fish	2626	53	4/m	<0.585	90.7	1.6	<5.71	2	1.21	<0.687
Carp-3	9/27/05	Whole Fish	3019	54	4/m	<0.594	99.6	1.64	<5.79	3.07	1.6	0.876
Carp-4	9/27/05	Fillet	4975	59	6/f	<0.603	46.3	<0.573	<5.88	<0.668	<0.593	<0.708
Carp-5	9/27/05	Fillet	2730	56	6/m	<0.598	59.9	0.724	<5.83	1.17	0.662	<0.701
Carp-5 (dup)	9/27/05	Fillet(duplicate)	2730	56	6/m	<0.607	51.1	0.581	<5.92	0.926	0.602	<0.712
SM Bass												
SMB-1	9/27/05	Fillet	792	35	3/m	<0.583	103	2.69	<1.42	1.92	1.07	0.82
SMB-1(dup)	9/27/05	Fillet (duplicate)	792	35	3/m	<0.647	116	2.56	<2.05	2.31	1.21	0.928
SMB-2	9/27/05	Fillet	553	35	4/f	<0.592	66.2	1.19	<1.45	1.04	<0.582	<0.694
SMB-3	9/27/05	Fillet	729	36	4/f	<0.673	95.6	1.79	<2.56	1.85	0.692	1.06
SMB-4	9/27/05	Whole Fish	303	27	3/m	<0.584	175	3.98	<2.52	3.57	1.28	0.924
SMB-5	9/27/05	Whole Fish	1205	39	5/f	<0.611	172	3.28	<1.49	3.2	1.25	1.35
White Bass												
WB-1	10/4/05	Fillet	640	33	4/m	<0.603	114	3.37	<2.78	1.06	<0.594	<0.708
WB-2	10/4/05	Fillet	812	36	4/f	<0.605	100	2.08	<1.80	1.45	<0.595	<0.710
WB-3	10/4/05	Whole Fish	692	33	3/m	<0.604	223	5.71	<1.77	4.26	1.89	1.61
WB-4	10/5/05	Whole Fish	446	28	1/f	<0.599	194	4.45	<1.46	3.3	1.1	1.12
WB-4(dupl)	10/5/05	Whole fish(dup)	446	28	1/f	<0.585	165	4.24	<1.43	3.11	1.52	1.14
WB-5	10/5/05	Whole Fish	664	33	4/m	<0.576	248	4.92	<1.40	3.37	1.47	1.26
Other												
Gizzard Shad	9/23/05	Composites of 38 whole fish	1436	~15	na	A<0.672 B<0.581 C<0.588	37.9 33.4 47.1	2.27 1.87 2.45	18.5 17.2 17.8	0.694 0.817 <0.651	<0.594 <0.571 <0.578	<0.709 <0.681 <0.690
Emerald Shiner	9/27/05	Composites of 40 whole fish	117	~8	na	A<0.579 B<0.607 C<0.602	105 107 90.9	2.15 0.706 1.4	2.17 2.44 2.02	2.57 2.6 2.59	0.877 1.17 0.927	<0.679 <0.712 <0.707

< = less than the detection limit; number following this symbol represents the detection limit

	Average PFOS Concentration [ng/g; ppb]							
	Bluegill	**Smallmouth Bass**	**Largemouth Bass**	**White Bass**	**Walleye**	**Northern Pike**	**White Sucker**	**Channel Catfish**
Mississippi River pool 3	170 (5)	ns	ns	132 (5)	ns	ns	ns	ns
Mississippi River pool 4	85 (5)	ns	ns	ns	ns	ns	ns	ns
Mississippi River pool 5	65 (5)	96 (5)	85 (5)	ns	54 (4)	111 (5)	ns	10 (2)
Mississippi River pool 5a	61 (5)	73 (5)	ns	ns	65 (5)	ns	ns	14 (4)
St. Croix River: Taylors Falls to Danbury	<dl (5)	<dl (5)	ns	ns	<dl (5)	<dl (5)	<dl (5)	ns
Lake Calhoun	319 (5)	ns	ns	ns	ns	ns	49 (5)	ns

numbers listed are: average PFOS concentration (# of fish)
<dl – less than the detection limit ≈ 5 ng/g
ns – not sampled

Samples were analyzed for the 13 different perfluorochemicals listed.

			CAS #
PFBA	C-4	perfluorobutanoic acid	375-22-4
PFBS	C-4	perfluorobutane sulfonate	375-73-5
PFPeA	C-5	perfluoropentanoic acid	2706-90-3
PFHxA	C-6	perfluorohexanoic acid	307-24-4
PFHxS	C-6	perfluorohexane sulfonate	355-46-4
PFHpA	C-7	perfluoroheptanoic acid	375-85-9
PFOA	C-8	perfluorooctanoic acid	335-67-1
PFOS	C-8	perfluorooctane sulfonate	1763-23-1
PFOSA	C-8	perfluorooctane sulfonamide	754-91-6
PFNA	C-9	perfluorononanoic acid	375-95-1
PFDA	C-10	perfluorodecanoic acid	335-76-2
PFUnA	C-11	perfluoroundecanoic acid	2058-94-8
PFDoA	C-12	perfluorododecanoic acid	307-55-1

Mississippi River Pool 3 Fish PFC analysis												
MPCA Species & Sample ID	Sample Date	Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BG-1	11/9/06	Fillet	102	17	3/M	440	<1.52	<6.70	1.42	8.05	5.09	4.41
BG-1	11/9/06	Whole Fish	102	17	3/M	815	<1.46	<1.75	6.5	12.3	6.13	4.70
BG-2	11/9/06	Fillet	135	17	3/M	108	<1.46	<8.68	3.62	5.36	5.79	14.6
BG-2	11/9/06	Whole Fish	135	17	3/M	187	<1.48	<1.76	10.2	7.6	6.46	14.2
BG-3	11/9/06	Fillet	152	18	3/M	123	<1.51	<1.81	<1.41	3.17	<2.01	1.55
BG-3	11/9/06	Whole Fish	152	18	3/M	186	<1.28	0.91	1.03	5.59	2.17	2.34
BG-4	5/2006	Fillet	177	18.5	3/F	87.5	<1.48	<1.77	<1.38	2.36	<1.98	<1.51
BG-5	5/2006	Fillet	160	18	3/M	92.1	<1.47	<1.75	<1.37	<1.67	<1.96	<1.50
White Bass												
WB-1	11/9/06	Fillet	33	12.5	1/J	122	<1.48	<8.00	11.5	4.88	<1.98	2.28
WB-1	11/9/06	Whole Fish	33	12.5	1/J	134	<1.79	<1.70	14.5	6.11	1.73	3.09
WB-2	11/9/06	Fillet	34	13	1/J	154	<1.49	<3.14	8.75	5.9	2.83	2.23
WB-2	11/9/06	Whole Fish	34	13	1/J	161	<1.51	<2.86	10.3	9.5	2.53	2.73
WB-3	11/9/06	Fillet	34	13	1/J	150	<2.51	<1.80	10.9	5.28	2.09	2.92
WB-3	11/9/06	Whole Fish	34	13	1/J	148	<1.51	<6.58	15.1	7.3	2.75	4.06
WB-4	11/9/06	Fillet	44	13	1/J	148	<1.48	<2.65	10.6	4.55	<1.90	2.71
WB-4	11/9/06	Whole Fish	44	13	1/J	153	<1.48	<4.99	17	7	2.06	4.13
WB-5	11/9/06	Fillet	41	14.5	1/J	86.7	<1.51	<6.24	6.58	4.14	<2.01	<1.54
WB-5	11/9/06	Whole Fish	41	14.5	1/J	114	<2.10	1.3	7.9	6.33	1.34	1.18
Other												
Emerald Shiner	11/9/06	Composite of 38 whole fish		~4.5		84.2	<1.43	<1.71	5.21	4.33	<1.91	2.17
Gizzard Shad	11/9/06	Composite of 33 whole fish		~9		17.9	<1.25	<1.94	1.53	<1.42	<1.66	<1.27

Mississippi River Pool 4 Fish PFC analysis												
MPCA Species & Sample ID	Sample Date	Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BG-1	5/2006	Fillet	262	20	4/F	98.3	<1.43	<1.70	<1.33	2.51	<1.90	<1.46
BG-2	5/2006	Fillet	152	17.5	3/M	28.1	<1.47	<1.75	<1.37	<1.67	<1.96	<1.50
BG-3	5/2006	Fillet	158	18	3/F	45.5	<1.52	<1.82	<1.42	<1.73	<2.03	<1.55
BG-4	5/2006	Fillet	125	16	3/M	152	<1.48	<1.76	<1.37	3.26	2.76	2.7
BG-5	5/2006	Fillet	146	18	3/M	101	<1.39	<1.66	<1.29	2.04	2.46	2.13

Mississippi River Pool 5 Fish PFC analysis												
MPCA Species & Sample ID	Sample Date	Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BG-1	11/6/06	Fillet	172	19	4/F	40.3	<1.51	<1.81	<1.41	<1.72	<2.01	<1.54
BG-2	11/6/06	Fillet	252	20	4/J	94.7	<1.38	<1.64	<1.28	2.17	<1.83	<1.40
BG-3	11/6/06	Fillet	199	21	4/M	42.7	<1.43	<1.71	<1.33	1.74	<1.91	<1.46
BG-4	11/6/06	Fillet	189	19	4/F	69.6	<1.54	<1.84	<1.44	1.97	<2.06	<1.57
BG-5	11/6/06	Fillet	114	17	3/F	77.2	<1.51	<1.81	<1.41	2.4	<2.01	<1.54
Smallmouth Bass												
SMB-1	5/2006	Fillet	1512	45	8/F	150	<1.48	<1.76	1.63	3.27	<1.97	<1.50
SMB-2	5/2006	Fillet	131	19	2/J	83.5	<1.45	<1.73	<1.35	2.49	<1.93	<1.48
SMB-3	5/2006	Fillet	449	29	4/M	47.7	<1.50	<1.80	1.86	2.13	<2.00	<1.53
SMB-4	5/2006	Fillet	262	26.5	3/F	93.5	<1.48	<1.77	<1.38	2.59	<1.98	<1.51
SMB-5	5/2006	Fillet	565	33	5/M	104	<1.45	<1.74	1.35	2.25	<1.94	<1.48
Largemouth Bass												
LMB-1	5/2006	Fillet	456	30	6/F	82.9	<1.43	<1.70	<1.33	2.59	<1.90	<1.46
LMB-2	5/2006	Fillet	1043	39	7/M	74.3	<1.45	<1.73	<1.35	1.66	<1.93	<1.48
LMB-3	5/2006	Fillet	689	34	6/F	85.8	<1.38	<1.64	<1.28	2.48	<1.83	<1.40
LMB-3 (dup)	5/2006	Fillet	689	34	6/F	96.5	<1.36	<2.56	<1.27	2.74	<1.82	<1.39
LMB-4	5/2006	Fillet	455	29	4/M	107	<1.41	<1.69	<1.32	3.74	<1.88	<1.44
LMB-5	5/2006	Fillet	502	31	5/M	74.6	<1.50	<1.80	<1.40	2.57	<2.00	<1.53
Walleye												
WAE-1	5/2006	Fillet	1000	47	7/M	34.3	<1.54	<1.83	<1.43	<1.75	<2.05	<1.57
WAE-1 (dup)	5/2006		1000	47	7/M	26.5	<1.54	<1.84	<1.44	<1.76	<2.06	<1.57
WAE-2	5/2006	Fillet	339	31	3/J	60.6	<1.48	<1.76	1.94	1.73	<1.97	<1.50
WAE-3	5/2006	Fillet	362	33	3/J	93.2	<1.47	<1.75	1.49	<1.67	<1.96	<1.50
WAE-4	5/2006	Fillet	965	43	5/M	27.1	<1.48	<1.77	1.97	<1.69	<1.98	<1.51
Northern Pike												
NOP-1	5/2006	Fillet	1457	58	8/F	91.2	<1.45	<1.74	3.43	1.79	<1.94	<1.48
NOP-2	5/2006	Fillet	2568	64	8/F	224	<1.47	<1.75	5.54	2.34	<1.96	<1.50
NOP-2 (dup)	5/2006	Fillet	2568	64	8/F	235	<1.37	<1.64	4.98	2.39	<1.82	<1.40
NOP-3	5/2006	Fillet	214	28	2J	130	<1.47	<1.75	2.87	2.63	<1.96	<1.50
NOP-4	5/2006	Fillet	710	45	6/J	12.2	<1.42	<1.70	2.52	<1.62	<1.89	<1.45
NOP-5	5/2006	Fillet	1498	42	6/F	97.5	<1.5	<1.80	2.86	1.93	<2.00	<1.53
Channel Catfish												
CCF-1	5/2006	Fillet	485	31	?/J	9.59	<1.51	<1.81	<1.41	<1.72	<2.01	<1.54
CCF-2	5/2006	Fillet	1956	52	5/M	<3.32	<1.44	<1.72	<1.34	<1.64	<1.92	<1.47
Other												
Gizzard Shad	11/6/06	Composites of 40 whole fish		~13		20.1	<1.48	<1.76	<1.37	<1.68	<1.97	<1.50

Mississippi River Pool 5a Fish PFC analysis												
MPCA Species & Sample ID	Sample Date	Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BG-1	5/2006	Fillet	164	17	3/M	34.6	<1.32	<1.58	<1.23	<1.50	<1.76	<1.35
BG-2	5/2006	Fillet	168	18	3/M	99.2	<1.50	<2.18	<1.39	<1.70	<2.00	<1.53
BG-3	5/2006	Fillet	284	20	4/M	82.9	<1.26	<1.55	<1.17	1.65	<1.68	<1.29
BG-4	5/2006	Fillet	199	20	4/M	34	<1.60	<1.91	<1.49	<1.82	<2.13	<1.63
BG-5	5/2006	Fillet	188	19	4/F	55.5	<1.36	<1.63	<1.27	<1.55	<1.82	<1.39
Smallmouth Bass												
SMB-1	5/2006	Fillet	813	36	7/M	52.3	<1.50	<1.79	<1.39	<1.70	<2.00	<1.53
SMB-2	5/2006	Fillet	819	36	7/M	116	<1.41	<1.68	1.39	2.89	<1.88	<1.44
SMB-3	5/2006	Fillet	746	35	6/F	67.1	<1.50	<1.79	1.43	<1.70	<2.00	<1.53
SMB-4	5/2006	Fillet	377	28	4/M	84.6	<1.48	<1.77	<1.38	2.74	<1.98	<1.51
SMB-5	5/2006	Fillet	672	34	6/M	45	<1.45	<2.38	<1.35	<1.65	<1.93	<1.48
Walleye												
WAE-1	5/2006	Fillet	740	41	5/F	56.4	<1.48	<1.76	1.83	<1.68	<1.97	<1.50
WAE-2	5/2006	Fillet	1454	49	6/F	49.3	<1.49	<1.78	2.15	<1.70	<1.99	<1.52
WAE-3	5/2006	Fillet	1125	47	6/F	41	<1.54	<1.84	1.53	<1.76	<2.06	<1.57
WAE-4	5/2006	Fillet	195	25.5	2/J	75.4	<1.41	<2.14	<1.32	<1.61	<1.88	<1.44
WAE-5	5/2006	Fillet	2158	55	9/F	103	<1.47	<1.75	1.66	2.74	<1.96	<1.50
Channel Catfish												
CCF-1	5/2006	Fillet	2086	57	6/M	<3.26	<1.41	<1.69	<1.32	<1.61	<1.88	<1.44
CCF-2	5/2006	Fillet	1489	46	4/F	18.3	<1.38	<1.64	<1.28	2.34	<1.83	<1.40
CCF-3	5/2006	Fillet	1147	41	3/F	9.55	<1.55	<1.85	<1.44	<1.77	<2.07	<1.58
CCF-4	5/2006	Fillet	738	39	2/F	13.4	<1.46	<1.99	<1.36	<1.66	<1.95	<1.49

St. Croix River Fish PFC analysis												
MPCA Species & Sample ID	Sample Date	Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BG-1	8/11/06	Fillet	94	16.5	3/F	<3.57	<1.93	<3.85	<1.44	<1.77	<2.07	<1.58
BG-1(Dup)	8/11/06	Fillet	94	16.5	3/F	<3.48	<1.51	<1.81	<1.41	<1.72	<2.01	<1.54
BG-1	8/11/06	Whole Fish	94	16.5	3/F	<3.38	<1.47	<1.75	<1.37	<1.67	<1.96	<1.50
BG-2	8/11/06	Fillet	60	13	2/M	<4.21	<1.54	<4.56	<1.44	<1.76	<2.06	<1.57
BG-2	8/11/06	Whole Fish	60	13	2/M	4.22	<1.46	<1.75	<1.36	<1.66	<1.95	<1.49
BG-3	8/11/06	Fillet	78	14.5	2/F	<3.38	<1.47	<1.88	<1.37	<1.67	<1.96	<1.50
BG-3	8/11/06	Whole Fish	78	14.5	2/F	3.40	<1.53	<1.82	<1.42	<1.74	<2.04	<1.56
BG-4	8/11/06	Fillet	76	14	2/M	<3.37	<1.46	<2.49	<1.36	<1.66	<1.95	<1.49
BG-4	8/11/06	Whole Fish	76	14	2/M	4.07	<1.41	<1.69	<1.32	<1.61	<1.88	<1.44
BG-5	8/11/06	Fillet	73	15	2/J	<3.48	<1.51	<4.78	<1.41	<1.72	<2.01	<1.54
BG-5	8/11/06	Whole Fish	73	15	2/J	<3.54	<1.54	<1.83	<1.43	<1.75	<2.05	<1.57
Smallmouth Bass												
SMB-1	8/11/06	Fillet	926	37	6/M	<3.41	<1.51	<8.80	<1.38	<1.69	<1.98	<1.51
SMB-1	8/11/06	Whole Fish	926	37	6/M	1.52	<1.50	<1.80	<1.40	<1.71	<2.00	<1.53
SMB-2	8/11/06	Fillet	435	29	4/M	<3.50	<1.52	<1.82	<1.42	<1.73	<2.03	<1.55
SMB-2	8/11/06	Whole Fish	435	29	4/M	1.16	<1.45	<1.74	<1.35	<1.66	<1.94	<1.48
SMB-3	8/11/06	Fillet	428	30	4/F	<3.41	<1.48	<1.77	<1.38	<1.69	<1.98	<1.51
SMB-3	8/11/06	Whole Fish	428	30	4/F	<3.32	<1.44	<2.80	<1.34	<1.64	<1.92	<1.47
SMB-4	8/7/06	Fillet	419	27	4/F	<3.48	<1.51	<1.81	<1.41	<1.72	<2.01	<1.54
SMB-5	8/7/06	Fillet	440	28	4/M	<3.52	<1.53	<1.82	<1.42	<1.74	<2.04	<1.56
Walleye												
WE-1	8/15/06	Fillet	796	40	5/M	<3.48	<1.51	<1.81	<1.41	<1.72	<2.01	<1.54
WE-2	8/4/06	Fillet	1124	46	6/F	<3.57	<1.55	<1.85	<1.44	<1.77	<2.07	<1.58
WE-3	8/4/06	Fillet	401	33	3/J	<3.37	<1.46	<1.75	<1.36	<1.66	<1.95	<1.49
WE-4	8/4/06	Fillet	287	28	3/J	<3.40	<1.48	<2.38	<1.37	<1.68	<1.97	<1.50
WE-5	8/7/06	Fillet	405	32	3/J	<3.29	<1.43	<1.70	<1.33	<1.62	<1.90	<1.46
Northern Pike												
NOP-1	8/16/06	Fillet	629	43	6/J	<3.33	<1.45	<1.73	<1.35	<1.65	<1.93	<1.48
NOP-2	8/15/06	Fillet	476	42	6/F	<3.17	<1.38	<1.64	<1.28	<1.57	<1.83	<1.40
NOP-3	8/16/06	Fillet	1068	48	7?/ M	<3.30	<1.43	<1.71	<1.33	<1.63	<1.91	<1.46
NOP-3 (dup)	8/16/06	Fillet	1068	48	7?/ M	<3.27	<1.42	<1.70	<1.32	<1.62	<1.89	<1.45
NOP-4	8/7/06	Fillet	1365	58	8/M	<3.27	<1.42	<1.70	<1.32	<1.62	<1.89	<1.45
NOP-5	8/16/06	Fillet	526	43	6/F	<3.48	<1.51	<1.81	<1.41	<1.72	<2.01	<1.54
White Sucker												
WTS-1	8/15/06	Fillet	358	31	3/J	<3.33	<1.45	<1.73	<1.35	<1.65	<1.93	<1.48
WTS-2	8/15/06	Fillet	572	36	3/F	<3.21	<1.39	<1.67	<1.30	<1.59	<1.86	<1.42
WTS-3	8/15/06	Fillet	519	33	3/F	<3.33	<1.45	<1.73	<1.35	<1.65	<1.93	<1.48

Lake Calhoun Fish PFC analysis												
MPCA Species & Sample ID	Sample Date	Fillet or Whole Fish	Wt (g)	Ln (cm)	Age/ sex (yrs/ m-f)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BG-1	11/15/06	Fillet	59	15.5	3/F	373	<1.40	<1.88	1.63	7.13	2.92	4.23
BG-1	11/15/06	Whole Fish	59	15.5	3/F	493	<1.43	1.38	2.60	14.9	4.92	5.53
BG-2	11/15/06	Fillet	62	13	2/F	356	<1.42	<1.70	3.46	7	4.1	6.18
BG-2	11/15/06	Whole Fish	62	13	2/F	438	<1.43	<2.74	4.27	13.34	6.82	9.19
BG-3	11/15/06	Fillet	65	15	3/F	181	<1.50	<1.80	1.95	3.28	2.79	4.49
BG-3	11/15/06	Whole Fish	65	15	3/F	280	<1.39	<2.09	5.51	6.9	4.63	5.92
BG-4	11/15/06	Fillet	60	16	3/F	311	<1.46	<1.75	4.69	5.64	3.34	4.72
BG-4	11/15/06	Whole Fish	60	16	3/F	590	<1.50	<2.79	6.43	12.0	5.67	8.10
BG-5	11/15/06	Fillet	68	16	3/F	373	<1.51	<1.81	3.92	8.02	4.01	5.9
BG-5	11/15/06	Whole Fish	68	16	3/F	528	<1.45	<1.97	3.47	13.9	7.73	9.96
White Sucker												
WTS-1	11/15/06	Fillet	250	29	2/M	<3.52	<1.53	<1.82	<1.42	<1.74	<2.04	<1.56
WTS-1	11/15/06	Whole Fish	250	29	2/M	2.91	<1.50	<1.79	<1.39	0.92	<2.00	<1.53
WTS-1 (dup)	11/15/06	Whole Fish	250	29	2/M	1.96	<1.52	<1.82	<1.42	<1.73	<2.03	<1.55
WTS-2	11/15/06	Fillet	309	31	2/J	<3.40	<1.48	<1.76	<1.37	<1.68	<1.97	<1.50
WTS-2 (dup)	11/15/06	Fillet	309	31	2/J	<3.37	<1.46	<1.75	<1.36	<1.66	<1.95	<1.49
WTS-2	11/15/06	Whole Fish	309	31	2/J	<3.23	<2.29	<1.67	<1.30	<1.59	<1.87	<1.43
WTS-3	11/15/06	Fillet	179	27	2/J	<3.54	<1.54	<1.83	<1.43	<1.75	<2.05	<1.57
WTS-3	11/15/06	Whole Fish	179	27	2/J	<3.24	<1.41	<1.68	<1.60	<1.60	<1.88	<1.44
WTS-4	11/15/06	Fillet	660	35	3/J	49.1	2.39	<1.82	<1.42	4.39	<2.04	1.98
WTS-4	11/15/06	Whole Fish	660	35	3/J	77	2.28	<1.82	3.72	5.44	1.76	2.65
WTS-5	11/15/06	Fillet	335	29	2/J	<3.26	<1.41	<1.69	<1.32	<1.61	<1.88	<1.44
WTS-5	11/15/06	Whole Fish	335	29	2/J	<3.40	<1.48	<6.33	<1.47	<1.68	<1.97	<1.50

< = less than the detection limit; number following this symbol represents the detection limit

Twin Cities Metro Lakes

	Average PFOS Concentration [ng/g; ppb]								
	Bluegill	**Bluegill (comp)**	**Black Crappie**	**Black Crappie (comp)**	**Largemouth Bass**	**Northern Pike**	**Walleye**	**White Sucker**	**Yellow Perch (comp)**
Bald Eagle	<dl (5)	<dl (5)	8 (5)	ns	6 (5)	ns	ns	ns	ns
Cedar (Hennepin)	28 (5)	34 (5)	ns	ns	72 (4)	ns	ns	ns	ns
Cedar (Scott)	<dl (5)	<dl (5)	ns	ns	6 (5)	ns	<dl (1)	ns	ns
Centerville	9 (5)	9 (5)	ns	ns	Ns	9 (7)	ns	ns	ns
Colby	22 (5)	23 (5)	14 (5)	14(5)	Ns	ns	ns	ns	ns
Como	26 (5)	28 (5)	66 (5)	ns	30 (1)	42 (4)	ns	ns	ns
Demontreville	12 (5)	8 (5)	ns	ns	46 (5)	ns	ns	ns	ns
Elmo	242 (5)	302 (5)	495 (5)	ns	544 (5)	ns	ns	ns	ns
Gervais	93 (5)	100 (5)	157 (5)	ns	184 (5)	ns	ns	ns	ns
Green Mountain	<dl (5)	<dl (5)	ns	ns	ns	ns	ns	ns	ns
Harriet	114 (5)	89 (5)	ns	ns	148 (5)	ns	ns	ns	ns
Hiawatha	26 (5)	27 (5)	40 (5)	ns	ns	28 (6)	ns	ns	ns
Hydes	<dl (5)	<dl (5)	<dl (6)	ns	ns	5 (5)	ns	ns	ns
Independence	5 (5)	<dl (5)	<dl (5)	ns	ns	<dl (2)	ns	ns	ns
Jane	22 (5)	8 (5)	25 (8)	ns	47 (5)	ns	ns	ns	ns
Johanna	212 (6)	250 (5)	222 (3)	ns	ns	ns	ns	ns	ns
Josephine	87 (6)	93 (6)	ns	ns	ns	ns	ns	ns	ns
Keller	69 (5)	70 (5)	ns	ns	ns	ns	ns	ns	ns
Minnetonka	<dl (5)	7 (5)	8 (5)	ns	ns	9 (3)	ns	ns	ns
Nokomis	10 (7)	ns	10 (5)	ns	ns	ns	ns	ns	ns
Olson	17 (5)	15 (5)	ns	ns	42 (5)	ns	ns	ns	ns
Peltier	12 (5)	ns	ns	ns	ns	14 (5)	ns	ns	ns
Phalen	69 (5)	50 (5)	104 (3)	ns	142 (5)	ns	ns	ns	ns
Powers	40 (5)	65 (5)	51 (5)	ns	ns	69 (3)	ns	ns	42 (5)
Prior (Upper)	5 (5)	<dl (5)	ns	ns	6 (5)	ns	ns	ns	ns
Ravine	23 (5)	19 (5)	60 (5)	ns	63 (5)	ns	ns	ns	ns
Red Rock	41 (5)	35 (5)	103 (5)	ns	69 (5)	ns	ns	ns	ns
Sarah	7 (5)	<dl (4)	<dl (5)	ns	ns	10 (5)	ns	ns	ns
Silver	24 (5)	34 (5)	33 (5)	35 (5)	ns	ns	17 (4)	ns	ns
Square	<dl (5)	<dl (5)	5 (5)	ns	<dl (5)	ns	ns	ns	ns
Tanners	76 (5)	55 (5)	118 (5)	ns	80 (5)	ns	ns	ns	ns
White Bear	5 (5)	6 (5)	25 (2)	ns	9 (5)	ns	ns	ns	ns

River Reaches

	Average PFOS Concentration [ng/g; ppb]								
	Bluegill	**Bluegill (comp)**	**Smallmouth Bass**	**Largemouth Bass**	**White Bass**	**Walleye**	**Northern Pike**	**White Sucker**	**Channel Catfish**
Mississippi River									
Brainerd area	10 (2)	ns	13 (5)	ns	ns	9 (5)	7 (3)	ns	ns
St. Croix River									
Washington County Bluff Park area	23 (5)	12 (5)	15 (5)	ns	82 (1)	17 (5)	ns	ns	ns

numbers listed are: average PFOS concentration (# of fish)
<dl – less than the detection limit ≈ 5 ng/g
ns – not sampled
comp – composite; tissue from several fish is combined then PFCs are measured

Samples were analyzed for the 13 different perfluorochemicals listed.

			CAS #
PFBA	C-4	perfluorobutanoic acid	375-22-4
PFBS	C-4	perfluorobutane sulfonate	375-73-5
PFPeA	C-5	perfluoropentanoic acid	2706-90-3
PFHxA	C-6	perfluorohexanoic acid	307-24-4
PFHxS	C-6	perfluorohexane sulfonate	355-46-4
PFHpA	C-7	perfluoroheptanoic acid	375-85-9
PFOA	C-8	perfluorooctanoic acid	335-67-1
PFOS	C-8	perfluorooctane sulfonate	1763-23-1
PFOSA	C-8	perfluorooctane sulfonamide	754-91-6
PFNA	C-9	perfluorononanoic acid	375-95-1
PFDA	C-10	perfluorodecanoic acid	335-76-2
PFUnA	C-11	perfluoroundecanoic acid	2058-94-8
PFDoA	C-12	perfluorododecanoic acid	307-55-1

Bald Eagle Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	5/2/07	Fillet	22	9.5	2/J	<4.98	<2.49	<2.49*	<2.49	<2.49	<2.49	<2.49
BGS-4	5/2/07	Fillet	11	8	1/J	<4.39	<2.19	<2.19*	<2.19	<2.19	<2.19	<2.19
BGS-5	5/2/07	Fillet	25	11	2/M	<4.93	<2.46	<2.46*	<2.46	<2.46	<2.46	<2.46
BGS-6	5/2/07	Fillet	79	15.5	5/M	<4.76	<2.38	<2.38*	<2.38	<2.38	<2.38	<2.38
BGS-9	5/2/07	Fillet	88	16	5/M	<4.61	<2.30	<2.30*	<2.30	<2.30	<2.30	<2.30
BGS-comp	5/2/07	Fillet	50a	12a		<4.78	<2.39	<2.39	<2.39	<2.39	<2.39	<2.39
Black Crappie												
BKS-1	5/2/07	Fillet	95	17.5	4/F	10.5	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
BKS-2	5/2/07	Fillet	98	17	4/F	7.24	<2.39	<2.39*	<2.39	<2.39	<2.39	<2.39
BKS-3	5/2/07	Fillet	236	24	7/F	7.89	<2.35	<2.35	<2.35	<2.35	<2.35	<2.35
BKS-4	5/2/07	Fillet	104	19	5/J	4.69	<2.30	<2.30	<2.30	<2.30	<2.30	<2.30
BKS-5	5/2/07	Fillet	97	18	5/F	7.54	<2.58	<2.58	<2.58	<2.58	<2.58	<2.58
Largemouth Bass												
LMB-1	5/2/07	Fillet	992	38	7/F	<5.00	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
LMB-2	5/2/07	Fillet	684	34	6/F	<4.69	<2.35	<2.35*	<2.35	<2.35	<2.35	<2.35
LMB-3	5/2/07	Fillet	764	34	6/F	6.18	<2.35	<2.35*	<2.35	<2.35	<2.35	<2.35
LMB-4	5/2/07	Fillet	452	31	5/F	<4.81	<2.40	<2.40*	<2.40	<2.40	<2.40	<2.40
LMB-5	5/2/07	Fillet	560	31.5	5/M	<5.03	<2.51	<2.51*	<2.51	<2.51	<2.51	<2.51

Cedar Lake Fish PFC analysis (Hennepin County)												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	2007	Fillet	24	12	3/F	33.5	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-5	2007	Fillet	56	15.5	5/J	31	<2.39	<2.39	<2.39	2.46	<2.39	<2.39
BGS-6	2007	Fillet	25	11.5	2/F	17.9	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-8	2007	Fillet	47	14.5	4/F	30.9	<2.37	<2.37	<2.37	3.11	<2.37	<2.37
BGS-10	2007	Fillet	24	12	2/J	27.8	<2.51	<2.51	<2.51	5.25	3.77	<2.51
BGS-comp	2007	Fillet	31a	12a		34	<2.42	<2.42	<2.42	2.99	<2.42	2.56
Largemouth Bass												
LMB-1	2007	Fillet	531	33	5/M	53.8	<2.46	<2.46	<2.46	4.88	3.54	2.58
LMB-2	2007	Fillet	488	31	5/F	70.8	<2.40	<2.40	<2.40	6.7	3.49	3.39#
LMB-3	2007	Fillet	1166	43	10/F	56.3	<2.48	<2.48	<2.48	8.27	4.61	3.25#
LMB-4	2007	Fillet	1592	46	11/F	108	<2.42	<2.42	<2.42	5.22	3.67	5.27#
LMB-4(dup)		Fillet				103	<2.45	<2.45	<2.45	6.37	4.05	5.02#

Cedar Lake Fish PFC analysis (Scott County)												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	8/24/07	Fillet	16	9	1/J	<4.81	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
BGS-4	8/24/07	Fillet	19	10	2/J	<6.76	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
BGS-5	8/24/07	Fillet	97	17	6/M	<4.81	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
BGS-6	8/24/07	Fillet	31	NA	4/M	<4.95	<2.48	<6.43	<2.48	<2.48	<2.48	<2.48
BGS-9	8/24/07	Fillet	82	16	5/M	<4.81	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
BGS-comp	8/24/07	Fillet	59a	12a		<4.85	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
Largemouth Bass												
LMB-1	8/24/07	Fillet	1292	41	9/M	6.24	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
LMB-2	8/24/07	Fillet	1528	NA	9/F	<4.90	<2.45	<2.45	<2.45*	<2.45	<2.45	<2.45
LMB-3	8/24/07	Fillet	1264	40	8/F	<4.67	<2.34	<2.34	<2.34*	<2.34	<2.34	<2.34
LMB-4	8/24/07	Fillet	857	40	8/M	<4.88	<2.44	<2.44	<2.44*	<2.44	<2.44	<2.44
LMB-5	8/24/07	Fillet	1110	42	9/M	<4.74	<3.85	<2.37	<2.37*	<2.37	<2.37	<2.37
LMB-5(dup)		Fillet				<5.03	<2.51	<2.51	<2.51*	<2.51	<2.51	<2.51
Walleye												
WE-1	8/24/07	Fillet	714	43	7/M	<4.95	<2.48	<4.04	<2.48*	<2.48	<2.48	<2.48

Centerville Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	2007	Fillet	69	15	4/F	12.8	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-2	2007	Fillet	62	14.5	4/M	6.24	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-4	2007	Fillet	42	12.5	3/J	9.94	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-8	2007	Fillet	61	15	4/F	<4.95	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-9	2007	Fillet	74	15	4/M	6.74	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-comp	2007	Fillet	72a	15a		8.71	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23
Northern Pike												
NP-1	2007	Fillet	1609	58	4/F	9.01	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
NP-2	2007	Fillet	878	49	4/J	10.2	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
NP-3	2007	Fillet	793	46	4/J	9.03	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
NP-4	2007	Fillet	1067	56.5	4/J	6.3	<2.74	<2.50	<2.50	<2.50	<2.50	<2.50
NP-5	2007	Fillet	1183	54	4/M	7.84	<2.51	<2.51	<2.51	<2.51	<2.51	<2.51
NP-6	2007	Fillet	1546	65	5/M	11.4	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
NP-7	2007	Fillet	896	51	4/M	10.6	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44

Colby Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-4	6/6/07	Fillet	21	9.5	1/M	21.7	<2.44	<2.44*	<2.44	3.01	<2.44	<2.44
BGS-5	6/6/07	Fillet	31	12	2/F	23.9#	<2.46	<4.03*	<2.46	<2.46	<2.46	<2.46
BGS-7	6/6/07	Fillet	34	12.5	2/J	32.8	<2.49	<3.10*	<2.49	<2.49	<2.49	<2.49
BGS-9	6/6/07	Fillet	35	12	2/F	13#	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
BGS-10	6/6/07	Fillet	29	11	2/F	18.9#	<2.49	<2.49*	<2.49	<2.49	<2.49	<2.49
BGS-comp	6/6/07	Fillet	23a	NA		23.4	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
Black Crappie												
BKS-2	6/6/07	Fillet	42	14	3/F	16.6	<2.50	<2.50*	<2.50	2.84	<2.50	<2.50
BKS-4	6/6/07	Fillet	47	14.5	3/M	13.2#	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BKS-5	6/6/07	Fillet	47	14.5	3/M	12.6#	<2.35	<2.35	<2.35	<2.35	<2.35	<2.35
BKS-7	6/6/07	Fillet	46	15	3/M	14.6	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44
BKS-8	6/6/07	Fillet	34	13.8	3/F	12	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BKS-comp	6/6/07	Fillet	37a	13a		14.3	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43

Como Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-3	5/1/07	Fillet	31	11	2/F	39#	<2.34	<2.34*	3.54	3.71	4.66	5.99
BGS-4	5/1/07	Fillet	29	11	2/J	32.6#	<2.50	<2.50*	3.8	3.88	3.84	5.21
BGS-6	5/1/07	Fillet	99	16	5/M	34.2	<2.50	<2.50*	4.2	<2.50	<2.50	4.03
BGS-8	5/1/07	Fillet	61	14.5	4/M	20.6	<2.43	<2.43*	2.84	<2.43	2.75	3.72
BGS-10	5/1/07	Fillet	93	16	5/F	23.1	<2.49	<2.49*	<2.49	<2.49	2.65	3.08
BGS-comp	5/1/07	Fillet	47a	13a		28.1	<2.49	<2.49	2.98	<2.49	<2.49	4.45
Black Crappie												
BKS-1	5/1/07	Fillet	141	17	4/M	59.7	<2.42	<2.42*	3.09	10.6	6.52	7.93
BKS-2	5/1/07	Fillet	69	16	4/M	44.9	<2.53	<2.53*	<2.53	6.69	3.16	6.07
BKS-3	5/1/07	Fillet	408	28	8/F	104	<2.36	<2.36*	3.14	15.2	9.09	10.5
BKS-4	5/1/07	Fillet	158	20.5	5/M	57.6	<2.30	<2.30*	<2.30	10.6	5.96	6.95
BKS-5	5/1/07	Fillet	817	32	10/F	63.4	<2.50	<2.50*	<2.50	10.3	4.97	5.88
Largemouth Bass												
LMB-1	5/1/07	Fillet	867	37	7/F	29.5	<2.40	<2.40*	2.42	4.04	4.35	6.68
Northern Pike												
NP-1	5/1/07	Fillet	2129	66	5/M	54.4	<2.48	<2.48*	20	7.7	3.93	5.08
NP-1(dup)	5/1/07	Fillet				45.2	<2.36	<2.36*	18.6	7.69	5.03	6.22
NP-2	5/1/07	Fillet	838	49	4/M	34.6	<2.45	<2.45*	15.8	5.92	4.83	8.47
NP-3	5/1/07	Fillet	858	48	4/M	44.7	<2.48	<2.48*	15.6	5.5	5.12	6.45
NP-4	5/1/07	Fillet	746	49	4/M	47.3	<2.43	<2.43*	19.1	7.51	5.23	7.42

Demontreville Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	4/30/07	Fillet	26	11	2/F	27.1#	<2.49	<2.49*	<2.49	3.04	<2.49	<2.49
BGS-5	4/30/07	Fillet	20	11	2/F	35.3#	<2.42	<2.42*	<2.98	<2.42	<2.42	<2.42
BGS-6	4/30/07	Fillet	75	14	4/M	<5.00	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
BGS-8	4/30/07	Fillet	137	17.5	6/M	11.9	<2.42	<2.42*	<2.42	<2.42	<2.42	<2.42
BGS-10	4/30/07	Fillet	134	18.5	7/M	<5.00	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
BGS-comp	4/30/07	Fillet	64a	13a		8.46	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
Largemouth Bass												
LMB-1	4/30/07	Fillet	686	33	5/M	41.8	<2.42	<2.42*	<2.42	<2.42	<2.42	<2.42
LMB-2	4/30/07	Fillet	1012	39	7/F	32.9	<2.50	<2.5*	<2.50	<2.50	<2.50	<2.50
LMB-2(dup)	4/30/07	Fillet				25.8	<2.43	<2.43*	<2.43	<2.43	<2.43	<2.43
LMB-3	4/30/07	Fillet	612	33	5/F	27	<2.40	<2.40*	<2.40	<2.40	<2.40	<2.40
LMB-4	4/30/07	Fillet	1023	39	7/M	44.9	<2.48	<2.48*	<2.48	<2.48	<2.48	<2.48
LMB-5	4/30/07	Fillet	877	37.5	7/M	84.4	<2.30	<2.30*	<2.30	<2.30	2.88	<2.30

Elmo Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-2	5/2/07	Fillet	16	10	2/J	291#	<2.48	<2.48*	<2.48	<2.48	<2.48	<2.48
BGS-4	5/2/07	Fillet	19	10	2/M	217#	<2.49	<2.49*	<2.49	<2.49	<2.49	<2.49
BGS-8	5/2/07	Fillet	42	13	3/J	149	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-9	5/2/07	Fillet	30	12.5	3/J	233	20.1	<4.24	<4.24	<4.24	<4.24	<4.24
BGS-10	5/2/07	Fillet	35	13	3/F	345	<3.11	<3.11	<3.11	<3.11	<3.11	<3.11
BGS-comp	5/2/07	Fillet	25a	11a		302	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
Black Crappie												
BKS-1	5/2/07	Fillet	228	24	7/F	374	<2.36	<2.36	<2.36	3.13	<2.36	<2.36
BKS-2	5/2/07	Fillet	369	28	8/F	574	<2.42	<2.42	<2.42	6.38	<2.42	<2.42
BKS-3	5/2/07	Fillet	292	25.5	7/F	550	<2.34	<2.34	<2.34	3.42	<2.34	<2.34
BKS-4	5/2/07	Fillet	209	22	6/F	534	<2.63	<2.36	<2.36	3.82	<2.36	<2.36
BKS-5	5/2/07	Fillet	189	23	6/F	443	<2.56	<2.56	<2.56	3.14	<2.56	<2.56
Largemouth Bass												
LMB-1	5/2/07	Fillet	470	31	5/M	643	<2.54	<2.54	<2.54	4.44	<2.54	<2.54
LMB-2	5/2/07	Fillet	672	35	6/F	431	<2.43	<2.43*	<2.43	<2.43	<2.43	<2.43
LMB-3	5/2/07	Fillet	894	37	7/F	653	<2.50	<2.50*	<2.50	3.94	<2.50	<2.50
LMB-3(dup)	5/2/07	Fillet				660	<2.51	<2.51*	<2.51	4.06	<2.51	<2.51
LMB-4	5/2/07	Fillet	1062	39	7/F	711	<2.40	<2.40*	<2.40	4.32	<2.40	<2.40
LMB-5	5/2/07	Fillet	698	33	5/M	281	<2.55	<2.55	<2.55	<2.55	<2.55	<2.55

Gervais Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-2	5/1/07	Fillet	6	7.5	1/J	175#	<2.69	<2.69*	<2.69	5.73	2.7	<2.69
BGS-5	5/1/07	Fillet	6	7	1/J	107#	<3.50	<3.50*	<3.50	5.43	3.57	<3.50
BGS-7	5/1/07	Fillet	75	16	5/F	148	<2.31	<2.31	<2.31	6.44#	<2.31	<2.31
BGS-9	5/1/07	Fillet	90	17	6/F	90.5	<2.46	<2.46	<2.46	2.57#	<2.46	<2.46
BGS-10	5/1/07	Fillet	68	15	4/F	39.9	<2.30	<2.30	<2.30	<2.30	<2.30	<2.30
BGS-comp	5/1/07	Fillet	34a	10a		100	<2.45	<2.45	<7.35	3.8	<2.45	<2.45
Black Crappie												
BKS-1	5/1/07	Fillet	171	23	6/F	132	<2.36	<2.36	<2.36	4.33	<2.36	<2.36
BKS-2	5/1/07	Fillet	86	16	4/M	166	<2.31	<2.31*	<2.31	9.5	3.37	<2.31
BKS-3	5/1/07	Fillet	122	19	5/M	206	<2.35	<2.35	<2.35	11.4	4.08	2.78
BKS-4	5/1/07	Fillet	180	22	6/M	170	<2.29	<2.29*	<2.29	10.9	5.09	8.41
BKS-5	5/1/07	Fillet	65	16	4/F	112	<2.38	<2.38*	<2.38	4.65	<2.38	<2.38
Largemouth Bass												
LMB-1	5/1/07	Fillet	2268	47	11/F	159	<2.49	<2.49*	<2.49	6.23	2.97	<2.49
LMB-2	5/1/07	Fillet	488	31	5/M	153	<2.31	<2.31	<2.31	6.24	3.95	<2.31
LMB-3	5/1/07	Fillet	385	29	4/M	227	<2.36	<2.36*	<2.36	10.7	5.79	2.38
LMB-4	5/1/07	Fillet	661	33	5/M	221	<2.13	<2.13	<2.13	8.67	6.23	5.87
LMB-5	5/1/07	Fillet	311	28	4/F	158	<2.19	<2.19	<2.19	7.42	3.85	<2.19

Green Mountain Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	5/9/07	Fillet	50	13.5	3/J	<4.85	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-3	5/9/07	Fillet	118	17.5	6/M	<4.98	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
BGS-5	5/9/07	Fillet	133	19	7/M	<4.90	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-6	5/9/07	Fillet	85	16	5/F	<4.85	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-8	5/9/07	Fillet	50	13.5	3/M	<4.85	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-comp	5/9/07	Fillet	65a	14a		<4.88	<2.44	<2.46	<2.44	<2.44	<2.44	<2.44

Harriet Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-5	8/17/07	Fillet	17	9	1/J	108	<2.40	<2.40	<2.40	4.91	<2.40	<2.40
BGS-6	8/17/07	Fillet	42	10	2/F	78.1	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-7	8/17/07	Fillet	12	7	1/J	124	<2.43	<2.43	<2.43	6.98	<2.43	<2.43
BGS-9	8/17/07	Fillet	30	11	2/M	95.9	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
BGS-10	8/17/07	Fillet	73	NA	4/M	163	<2.40	<2.40	<2.40	4.98	5.27#	4.12
BGS-comp	8/17/07	Fillet	41a	13a		89.3	<2.44	<2.44	<2.44	2.59	<2.44	<2.44
Largemouth Bass												
LMB-1	8/17/07	Fillet	373	30	4/F	146	<5.38	<2.49	<2.49*	8.74	4.59	2.78
LMB-2	8/17/07	Fillet	554	34	6/F	20.5	<3.66	<2.46	<2.46*	5.4	<2.46	<2.46
LMB-3	8/17/07	Fillet	355	29	4/J	150	<2.39	<2.39	<2.39*	9.25	3.71	3.64
LMB-4	8/17/07	Fillet	963	39	8/M	254	<4.20	<2.43	<2.43*	10	5.28	7.1
LMB-5	8/17/07	Fillet	866	40	8/F	170	<2.42	<2.42	<2.42	10.1	4.65	3.66

Hiawatha Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-2	2007	Fillet	73	16	5/M	35	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-6	2007	Fillet	94	18	6/M	15.7	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-7	2007	Fillet	36	13	3/F	15.5	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-9	2007	Fillet	8	8	1/J	31.8	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-10	2007	Fillet	5	7.8	1/J	31.9	<3.55	<3.55	<3.55	<3.55	<3.55	<3.55
BGS-comp	2007	Fillet	42a	12a		27.3	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
Black Crappie												
BKS-1	2007	Fillet	73	19	5/F	36.6	<2.50	<2.50	<2.50	2.7	<2.50	<2.50
BKS-2	2007	Fillet	103	21.5	6/M	71.7	<2.35	<2.35	<2.35	3.94	<2.35	4.75
BKS-3	2007	Fillet	71	18	4/F	35.1	<2.30	<2.30	<2.30	2.32	<2.30	<2.30
BKS-4	2007	Fillet	83	18	4/F	33.5	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BKS-5	2007	Fillet	64	17	4/F	21	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Northern Pike												
NP-1	6/19/07	Fillet	1140	56	4/M	17.1	< 2.49	< 2.49	3.65	< 2.49	< 2.49	< 2.49
NP-2	6/19/07	Fillet	738	46	4/F	36.7	< 4.60	< 2.49	2.64	< 2.49	2.98	2.58
NP-3	6/19/07	Fillet	927	51	4/M	16.7	< 2.51	< 2.51	2.95	< 2.51	< 2.51	< 2.51
NP-4	6/19/07	Fillet	1192	NA	4/F	59.5	< 2.46	< 2.46	6.2	4.33	3.6	4.99
NP-4(dup)						65.4	< 2.46	< 2.46	5.25	4.86	3.06	5.58
NP-5	6/19/07	Fillet	2530	74	6/F	14.5	< 2.46	< 2.46	4.17	< 2.46	< 2.46	< 2.46
NP-6	6/19/07	Fillet	3700	77	6/F	25.6	< 2.49	< 2.49	3.86	< 2.49	2.72	< 2.49

Hydes Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	7/24/07	Fillet	9	7	1/J	<5.05	<2.53	<2.53	<2.53	<2.53	<2.53	<2.53
BGS-5	7/24/07	Fillet	9	9	1/J	<5.08	<2.54	<2.54	<2.54	<2.54	<2.54	<2.54
BGS-6	7/24/07	Fillet	130	17	6/F	<4.85	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-7	7/24/07	Fillet	127	17	6/M	<4.83	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BGS-10	7/24/07	Fillet	123	17.5	6/F	<4.95	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-10(dup)		Fillet				<4.90	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-comp	7/24/07	Fillet	62a	12a		<4.41	<2.20	<2.20	<2.20	<2.20	<2.20	<2.20
Black Crappie												
BKS-1	7/24/07	Fillet	124	20	5/F	<4.88	<2.44	<2.45	<2.44*	<2.44	<2.44	<2.44
BKS-1(dup)		Fillet				<4.93	<2.46	<2.46	<2.46*	<2.46	<2.46	<2.46
BKS-2	7/24/07	Fillet	178	23	6/F	<4.90	<2.95	<2.45	<2.45*	<2.45	<2.45	<2.45
BKS-3	7/24/07	Fillet	167	22.5	6/F	<4.78	<4.24	<2.39	<2.39*	<2.39	<2.39	<2.39
BKS-4	7/24/07	Fillet	206	24	7/F	<4.88	<2.44	<2.44	<2.44*	<2.44	<2.44	<2.44
BKS-5	7/24/07	Fillet	224	25	7/M	<4.90	<2.45	<2.45	<2.45*	<2.45	<2.45	<2.45
BKS-6	7/24/07	Fillet	220	25	7/F	<4.90	<2.87	<2.45	<2.45*	<2.45	<2.45	<2.45
Northern Pike												
NP-1	7/24/07	Fillet	2170	68	5/M	<4.93	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
NP-2	7/24/07	Fillet	631	48	4/M	<4.41	<2.20	<2.20	<2.20	<2.20	<2.20	<2.20
NP-3	7/24/07	Fillet	741	46	4/F	<4.52	<2.26	<2.26	<2.26	<2.26	<2.26	<2.26
NP-4	7/24/07	Fillet	2342	68	6/J	<4.69	<2.35	<2.35	<2.35	<2.35	<2.35	<2.35
NP-4(dup)						<4.65	<2.33	<2.33	<2.33	<2.33	<2.33	<2.33
NP-5	7/24/07	Fillet	3445	74	6/F	4.76	<2.37	<2.37	<2.37	<2.37	<2.37	<2.37

Independence Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-4	7/24/07	Fillet	13	10	2/J	5.1	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-6	7/24/07	Fillet	14	10	2/J	<4.88	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44
BGS-7	7/24/07	Fillet	14	9.5	1/J	5.41	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-8	7/24/07	Fillet	45	14	4/F	<4.83	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BGS-9	7/24/07	Fillet	55	15	4/M	<4.85	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-comp	7/24/07	Fillet	45a	13a		<4.88	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44
Black Crappie												
BKS-1	7/24/07	Fillet	70	18	4/F	<4.95	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BKS-2	7/24/07	Fillet	78	19	5/F	<4.65	<2.33	<2.33	<2.33	<2.33	<2.33	<2.33
BKS-3	7/24/07	Fillet	81	18	4/M	<5.00	<2.50	<3.22	<2.50	<2.50	<2.50	<2.50
BKS-4	7/24/07	Fillet	81	19	5/M	<4.93	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
BKS-5	7/24/07	Fillet	139	22	6/F	<4.93	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
Northern Pike												
NP-1	7/24/07	Fillet	2000	57	4/F	<5.54	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
NP-2	7/24/07	Fillet	3700	76	6/M	<4.90	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
NP-2(dup)						<4.95	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48

Jane Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-4	6/07	Fillet	16	10.5	2/J	20.7	<2.46	<2.46*	<2.46	<2.46	<2.46	<2.46
BGS-6	6/07	Fillet	99	18	6/F	8.62#	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
BGS-7	6/07	Fillet	73	17.2	6/M	46.3	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
BGS-7(dup)						36.5#	<2.48	<2.48*	<2.48	<2.48	<2.48	<2.48
BGS-8	6/07	Fillet	18	10.6	2/J	12.2#	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
BGS-10	6/07	Fillet	95	NA	4/M	<4.95	<2.48	<2.48*	<2.48	<2.48	<2.48	<2.48
BGS-comp	6/07	Fillet	43a	13a		7.76	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
Black Crappie												
BKS-1	6/07	Fillet	65	15	3/M	13.6#	<2.40	<2.40*	<2.40	<2.40	<2.40	<2.40
BKS-2	6/07	Fillet	109	18.2	5/M	26.2	<2.40	<2.40*	<2.40	<2.40	<2.40	<2.40
BKS-3	6/07	Fillet	78	17.8	4/F	10.2#	<2.48	<2.48*	<2.48	<2.48	<2.48	<2.48
BKS-4	6/07	Fillet	63	16.5	4/M	39.7	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BKS-5	6/07	Fillet	96	19.5	5/M	34.2	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BKS-6	6/07	Fillet	99	21	6/F	19.5	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
BKS-7	6/07	Fillet	115	20	5/M	34.8#	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BKS-7(dup)						21.9#	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BKS-8	6/07	Fillet	108	19	5/M	21.7	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
Largemouth Bass												
LMB-1	6/07	Fillet	507	33	5/M	35.1	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
LMB-2	6/07	Fillet	535	36	7/M	38.1	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
LMB-3	6/07	Fillet	599	33	5/M	83.4	<3.65	<5.00	<2.49	3.32	2.82	<2.49
LMB-4	6/07	Fillet	525	36	7/M	25.8	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
LMB-5	6/07	Fillet	809	NA	6/F	53.6	<2.44	<2.97	<2.44	<2.44	<2.44	<2.44

Johanna Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	6/19/07	Fillet	71	16	5/M	183	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
BGS-2	6/19/07	Fillet	56	14.5	4/M	184#	<2.43	<2.43*	<2.43	4.02	<2.43	<2.43
BGS-3	6/19/07	Fillet	94	18	6/M	176#	<2.40	<2.40*	<2.40	3.85	3.86	7.34
BGS-6	6/19/07	Fillet	42	13	3/M	207#	<2.46	<2.46*	<2.46	5.69	4.3	3.58
BGS-7	6/19/07	Fillet	55	16	4/M	230	<2.49	<2.52*	<2.49	3.73	<2.49	<2.49
BGS-8	6/19/07	Fillet	57	15.5	4/M	292	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
BGS-comp	6/19/07	Fillet	55a	14a		250	<2.45	<2.45	<2.45	3.24	<2.45	2.65
Black Crappie												
BKS-1	6/19/07	Fillet	89	NA	4/M	384	<2.34	<2.34	<2.34	8.92	3.94	3.31
BKS-2	6/19/07	Fillet	83	20	5/F	213	<2.44	<3.06	<2.44	4.51	<2.44	<2.44
BKS-3	6/19/07	Fillet	94	20	5/F	70.3	<2.48	<2.48	<2.48	2.66	<2.48	<2.48

Josephine Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	5/24/06	Fillet	37	11	2M	73.4	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43
BGS-2	5/24/06	Fillet	58	14	4/F	52.5	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49
BGS-4	5/24/06	Fillet	68	16	5/M	50.2	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46
BGS-5	5/24/06	Fillet	44	13.1	3/F	102	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51
BGS-10	5/24/06	Fillet	38	13.2	3M	55.6	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46#
BGS-12	5/24/06	Fillet	36	13	3/M	188	< 2.50	< 2.50	< 2.50	3.07	< 2.50	< 2.50
BGS-comp	5/24/06	Fillet	42a	14a		92.6	< 2.48	< 2.48	< 2.49	< 2.48	2.98	< 2.48

Keller Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	7/07	Fillet	50	13.5	3/M	26.2	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-2	7/07	Fillet	54	14.5	4/J	64.6	<2.35	<2.35	<2.35	2.5	<2.35	<2.35
BGS-5	7/07	Fillet	56	14	4/M	97.1	<2.46	<2.46	<2.46	4.88	4.31	<2.46
BGS-7	7/07	Fillet	58	15	4/F	50.1	<2.46	<2.46	<2.46	4.47	2.99	<2.46
BGS-10	7/07	Fillet	58	15	4/M	106	<2.49	<2.49	<2.49	4.81	3.77	2.73
BGS-comp	7/07	Fillet	53a	15a		70	<2.10	<2.10	<2.10	2.67	<2.10	<2.10

Minnetonka Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	6/21/07	Fillet	72	15.5	5/F	< 4.90	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45
BGS-4	6/21/07	Fillet	69	13.2	3/F	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46
BGS-5	6/21/07	Fillet	54	12	2/F	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49
BGS-9	6/21/07	Fillet	16	10	2/J	< 5.03	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51
BGS-10	6/21/07	Fillet	15	10	2/J	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49
BGS-comp		Fillet	49a	13a		7.47	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50
Black Crappie												
BKS-1	6/22/07	Fillet	464	34	11/F	7.16	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51
BKS-1(dup)						8.04	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37
BKS-2	6/22/07	Fillet	300	28	8/F	6.22	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49
BKS-3	6/22/07	Fillet	192	24	7/M	10.9	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46
BKS-4	6/22/07	Fillet	121	21	6/F	< 4.92	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46
BKS-5	6/22/07	Fillet	90	19	5/F	< 5.03	< 2.51	< 4.18	< 2.51	< 2.51	< 2.51	< 2.51
Northern Pike												
NP-1	6/15/07	Fillet	2987	71	5/F	10.3	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48
NP-2	6/15/07	Fillet	3700	80	6/M	7.83	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50
NP-3	6/15/07	Fillet	1830	62	4/F	7.61	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49

Nokomis Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	7/17/07	Fillet	25	11	2/M	10.8	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44
BGS-2	7/17/07	Fillet	73	16	5/M	9.21	<2.38	<2.38	<2.38	<2.38	<2.38	<2.38
BGS-3	7/17/07	Fillet	58	15	4/M	13.4	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-4	7/17/07	Fillet	31	11	2/M	7.71	<2.49	<3.00	<2.49	<2.49	<2.49	<2.49
BGS-5	7/17/07	Fillet	55	14	4/F	6.45	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-6	7/17/07	Fillet	49	14.5	4/F	7.23	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-7	7/17/07	Fillet	69	15	4/M	11.4	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
Black Crappie												
BKS-1	7/17/07	Fillet	84	18.5	5/M	11.7	<2.49	<2.49	<2.49*	<2.49	<2.49	<2.49
BKS-2	7/17/07	Fillet	74	17.8	4/M	10.1	<2.46	<2.46	<2.46*	<2.46	<2.46	<2.46
BKS-3	7/17/07	Fillet	72	17.5	4/F	12.3	<2.45	<2.45	<2.45*	<2.45	<2.45	<2.45
BKS-4	7/17/07	Fillet	67	16.2	4/M	7.66	<2.45	<4.34	<2.45*	<2.45	<2.45	<2.45
BKS-5	7/17/07	Fillet	91	19	5/M	8.18	<2.79	<2.44	<2.44*	<2.44	<2.44	<2.44

Olson Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	4/30/07	Fillet	19	10	2/F	7.8#	<2.34	<2.34*	<2.34	<2.34	<2.34	<2.34
BGS-2	4/30/07	Fillet	21	10	2/J	21.1#	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
BGS-5	4/30/07	Fillet	33	13	3/J	24.7	<3.97	<3.97	<3.97	<3.97	<3.97	<3.97
BGS-8	4/30/07	Fillet	51	15	4/J	9.28	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44
BGS-9	4/30/07	Fillet	85	15	4/F	<4.85	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-comp	4/30/07	Fillet	40a	13a		14.5	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
Largemouth Bass												
LMB-1	4/30/07	Fillet	1148	41	9/M	45.7	<2.40	<2.40*	<2.40	2.84	2.87	<2.40
LMB-2	4/30/07	Fillet	1170	39	7/M	43.6	<2.44	<2.44*	<2.44	2.51	2.85	<2.44
LMB-3	4/30/07	Fillet	1159	39	7/M	19.7	<2.45	<2.45*	<2.45*	<2.45	3.04	<2.45
LMB-4	4/30/07	Fillet	1379	42	9/M	77.5	<2.40	<2.40*	<2.40*	2.87	<2.40	<2.40
LMB-5	4/30/07	Fillet	1024	37	7/F	24.9	<2.40	<2.40*	<2.40	<2.40	<2.40	<2.40
LMB-5(dup)	4/30/07	Fillet				24.5	<2.49	<2.49*	<2.49	<2.49	<2.49	<2.49

Peltier Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	2007	Fillet	58	15	4/M	17.6	<2.44	<2.44	<2.44*	<2.44	<2.44	<2.44
BGS-2	2007	Fillet	87	15.8	5/F	9.52	<2.48	<2.48	<2.48*	<2.48	<2.48	<2.48
BGS-3	2007	Fillet	50	13	3/F	15.1	<4.27	<2.45	<2.45*	<2.45	<2.45	<2.45
BGS-4	2007	Fillet	34	12.3	3/J	10.9	<2.50	<2.50	<2.50*	<2.50	<2.50	<2.50
BGS-5	2007	Fillet	30	11.5	2/F	7.53	<3.43	<2.50	<2.50*	<2.50	<2.50	<2.50
Northern Pike												
NP-1	2007	Fillet	607	45	4/J	20.7	<2.78	<2.65	<2.49	<2.49	<2.49	<2.49
NP-2	2007	Fillet	658	43	4/J	14.5	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
NP-3	2007	Fillet	764	51	4/J	8.2	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
NP-4	2007	Fillet	883	50	4/F	13.6	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
NP-5	2007	Fillet	1161	54	4/J	13.1	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48

Lake Phalen Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-2	5/1/07	Fillet	19	10	2/J	156#	<2.49	<2.49*	<2.49	5.23	2.99	<2.49
BGS-4	5/1/07	Fillet	25	11.5	2/J	82.7#	<2.50	<2.50*	<2.50	3.14	<2.50	<2.50
BGS-6	5/1/07	Fillet	55	11.5	2/F	60.6	<2.36	<2.36	<2.36	<2.36	<2.36	<2.36
BGS-9	5/1/07	Fillet	101	16	5/M	93.4	<2.48	<2.48	<2.48	2.48#	<2.48	<2.48
BGS-10	5/1/07	Fillet	73	15	4/F	53.8	<2.38	<2.38	<2.38	2.61#	<2.38	<2.38
BGS-comp	5/1/07	Fillet	53a	12a		45.3	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BGS-comp(dup)	5/1/07	Fillet				55	<2.24	<2.24	<2.24	<2.24	<2.24	<2.24
Black Crappie												
BKS-1	5/1/07	Fillet	26	12	2/J	42.1#	<2.39	<2.39*	<2.39	<2.39	<2.39	<2.39
BKS-2	5/1/07	Fillet	58	14	3/M	104	<2.42	<2.42*	<2.42	5.29	<2.42	<2.42
BKS-3	5/1/07	Fillet	67	17	4/M	67.7#	<2.36	<2.36*	<2.36	3.05	<2.36	<2.36
Largemouth Bass												
LMB-1	5/1/07	Fillet	1212	41	9/F	183	<2.49	<2.49*	<2.49	9.46	3.99	2.66
LMB-2	5/1/07	Fillet	596	33.5	5/M	136	<2.45	<2.45	<2.45	7.64	4.67	<2.45
LMB-2(dup)	5/1/07	Fillet				129	<2.48	<2.48	<2.48	6.14	3.88	<2.48
LMB-3	5/1/07	Fillet	1279	43	10/F	128	<2.34	<2.34*	<2.34	5.38	3.08	<2.34
LMB-4	5/1/07	Fillet	1415	42	9/F	147#	<2.35	<2.35*	<2.35	4.96	<2.35	<2.35
LMB-4(dup)	5/1/07	Fillet				147#	<2.44	<2.44*	<2.44	5.28	3.61	<2.44
LMB-5	5/1/07	Fillet	1872	43	10/F	120	<2.34	<2.34*	<2.34	3.63	<2.34	<2.34

Powers Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	7/07	Fillet	31	13	3/F	48.5	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-2	7/07	Fillet	66	15	4/M	45	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-6	7/07	Fillet	59	16.5	6/M	44.8	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-9	7/07	Fillet	58	17	6/M	26.6	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
BGS-10	7/07	Fillet	40	NA	5/F	32.7	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-comp	7/07	Fillet	43a	13a		65.3	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
Black Crappie												
BKS-1	7/07	Fillet	99	20	5/M	63.9	<2.39	<2.39	<2.39*	<2.39	<2.39	<2.39
BKS-2	7/07	Fillet	100	20	5/F	59.9	<2.35	<2.35	<2.35*	2.49	<2.35	<2.35
BKS-3	7/07	Fillet	109	19	5/F	53.3	<4.84	<2.45	<2.45*	2.47	<2.45	<2.45
BKS-4	7/07	Fillet	108	20	5/F	33.6	<2.49	<4.64	<2.49	<2.49	<2.49	<2.49
BKS-5	7/07	Fillet	105	19	5/F	42.9	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34
Northern Pike												
NP-1	7/07	Fillet	2233	70	6/M	71.1	<2.49	<2.49	<2.49	3.08	2.64	<2.49
NP-2	7/07	Fillet	1680	64	5/M	71.9	<2.50	<2.50	<2.50	3.04	<2.50	<2.50
NP-3	7/07	Fillet	NA	70	6/J	62.8	<2.48	<2.48	<2.48	2.73	2.56	<2.48
Yellow Perch												
YP-comp	7/07	Fillet	34a	15a		41.6	<2.36	<2.36	<2.36	<2.36	<2.36	<2.36

Prior (Upper) Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-2	8/23/07	Fillet	29	12	3/M	5.25	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
BGS-4	8/23/07	Fillet	27	11	2/F	<4.95	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-6	8/23/07	Fillet	41	13	3/F	<4.81	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
BGS-8	8/23/07	Fillet	48	13	3/F	<5.00	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-10	8/23/07	Fillet	85	16	5/M	<4.98	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
BGS-comp	8/23/07	Fillet	38a	12a		<4.98	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
Largemouth Bass												
LMB-1	8/23/07	Fillet	576	33	5/M	<4.90	2.8	<2.45	<2.45*	<2.45	<2.45	<2.45
LMB-2	8/23/07	Fillet	653	35	6/F	6.14	<2.49	<19.6	<2.49*	2.62	<2.49	<2.49
LMB-3	8/23/07	Fillet	503	32	5/M	<4.93	<2.46	<2.46	<2.46*	<2.46	<2.46	<2.46
LMB-4	8/23/07	Fillet	370	31	5/F	<4.76	<2.38	<2.38	<2.38*	<2.38	<2.38	<2.38
LMB-5	8/23/07	Fillet	744	37	7/F	<4.95	<2.48	<2.48	<2.48*	<2.48	<2.48	<2.48

Ravine Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	4/30/07	Fillet	30	10	2/M	10.3	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
BGS-4	4/30/07	Fillet	35	12	3/J	10.8	<4.67	<4.67	<4.67	<4.67	<4.67	<4.67
BGS-5	4/30/07	Fillet	23	10	2/M	45.1	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
BGS-9	4/30/07	Fillet	206	19.5	7/M	29.3	<2.29	<2.29	<2.29	<2.29	<2.29	<2.29
BGS-9(dup)	4/30/07	Fillet				30.3	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-10	4/30/07	Fillet	97	16	5/M	19.3	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-comp	4/30/07	Fillet	60a	13a		19.4	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
Black Crappie												
BKS-1	4/30/07	Fillet	52	15	3/F	55.9	<2.48	<2.48*	<2.48*	<2.48	<2.48	<2.48
BKS-2	4/30/07	Fillet	43	15	3/J	64.5	<2.42	<2.42*	<2.42*	<2.42	<2.42	<2.42
BKS-3	4/30/07	Fillet	42	14	3/J	77.8	2.69	<2.56*	<2.56	<2.56	<2.56	<2.56
BKS-4	4/30/07	Fillet	50	15	3/J	60.4	<2.31	<2.31*	<2.31	<2.31	<2.31	<2.31
BKS-5	4/30/07	Fillet	45	14	3/F	41.3	<2.35	<2.35*	<2.35*	<2.35	<2.35	<2.35
Largemouth Bass												
LMB-1	4/30/07	Fillet	725	32.5	5/M	50.6	<2.40	<2.40*	<2.40*	<2.40	<2.40	<2.40
LMB-2	4/30/07	Fillet	890	35	6/M	36	<2.13	<2.13*	<2.13*	<2.13	<2.13	<2.13
LMB-3	4/30/07	Fillet	911	34.5	6/F	65.2	<2.38	<2.38*	<2.38*	<2.38	<2.38	<2.38
LMB-4	4/30/07	Fillet	1084	36.5	7/M	107	<2.40	<2.40*	<2.40*	<2.40	<2.40	<2.40
LMB-5	4/30/07	Fillet	1011	33	5/M	53.8	<2.31	<2.31*	<2.31*	<2.31	<2.31	<2.31

Red Rock Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-6	8/17/07	Fillet	5	10	2/J	42	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
BGS-7	8/17/07	Fillet	43	13.9	4/J	32.7	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-8	8/17/07	Fillet	61	15.2	5/M	42.2	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-9	8/17/07	Fillet	130	18.2	7/M	58.3	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-10	8/17/07	Fillet	57	14	4/F	29.2	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44
BGS-comp	8/17/07	Fillet	27a	11a		35.2	<2.38	<3.02	<2.38	<2.38	<2.38	<2.38
Black Crappie												
BKS-1	8/17/07	Fillet	81	17	4/F	79.9	<2.48	<2.48	<2.48	2.73	<2.48	<2.48
BKS-2	8/17/07	Fillet	102	20	5/F	97.1	<2.48	<2.48	<2.48	3.07	<2.48	<2.48
BKS-3	8/17/07	Fillet	149	21	6/M	153	<2.49	<2.49	<2.49	3.69	<2.49	<2.49
BKS-4	8/17/07	Fillet	283	27	8/F	115	<2.43	<2.43	<2.43	3.62	<2.43	<2.43
BKS-5	8/17/07	Fillet	122	19	5/F	68.6	<2.49	<2.49	<2.49	2.95	<2.49	<2.49
Largemouth Bass												
LMB-1	8/17/07	Fillet	666	38	7/M	85.7	<2.76	<2.42	<2.42*	2.67	<2.42	<2.42
LMB-2	8/17/07	Fillet	527	33	5/F	60.6	<2.60	<2.44	<2.44*	2.69	<2.44	<2.44
LMB-3	8/17/07	Fillet	566	33	5/J	64.5	<2.46	<2.46	<2.46*	3.22	<2.46	<2.46
LMB-4	8/17/07	Fillet	591	33	5/F	57.4	<2.48	<2.48	<2.48*	<2.48	<2.48	<2.48
LMB-5	8/17/07	Fillet	716	36	7/M	74.4	<3.99	<2.33	<2.33*	3.07	<2.33	<2.33

Sarah Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-3	7/16/07	Fillet	70	17	6/F	6.12	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-4	7/16/07	Fillet	86	18	7/M	6.21#	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
BGS-6	7/16/07	Fillet	74	17	6/F	7.97	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
BGS-7	7/16/07	Fillet	10	7	1/J	8.51	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
BGS-9	7/16/07	Fillet	15	9.2	1/J	<5.00	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BGS-comp	7/16/07	Fillet	52a	13a		<4.90	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
Black Crappie												
BKS-1	7/16/07	Fillet	NA	21	6/F	<4.95	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BKS-2	7/16/07	Fillet	NA	20	5/M	<5.00	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
BKS-3	7/16/07	Fillet	NA	24	7/F	<4.83	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BKS-4	7/16/07	Fillet	NA	20	5/M	<4.76	<2.38	<9.45	<2.38	<2.38	<2.38	<2.38
BKS-5	7/16/07	Fillet	NA	21	6/M	<4.93	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
Northern Pike												
NP-1	7/16/07	Fillet	3440	70.7	6/F	7.88	<2.64	<2.45	<2.45	<2.45	<2.45	<2.45
NP -2	7/16/07	Fillet	4052	85	7/F	10.8	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
NP -2(dup)		Fillet				14.4	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43
NP -3	7/16/07	Fillet	3821	85	8/F	13.6	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
NP -4	7/16/07	Fillet	3229	81.5	7/F	7.45	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
NP -5	7/16/07	Fillet	1757	66	5/M	9.6	<2.39	<2.39	<2.39	<2.39	<2.39	<2.39

Silver Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-3	5/4/07	Fillet	64	16	5/M	24	<2.40	<2.40	<2.40	<2.40	3.38	<2.40
BGS-4	5/4/07	Fillet	38	13	3/F	19.6	<2.43	<2.43	<2.43	<2.43	2.53	<2.43
BGS-5	5/4/07	Fillet	36	13	3/F	24.4#	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BGS-7	5/4/07	Fillet	43	14	4/F	31.3	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-9	5/4/07	Fillet	32	13	3/F	21.4	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BGS-comp	5/4/07	Fillet	59a	14a		33.7	<2.44	<2.44	<2.44	<2.44	<2.44	2.89
Black Crappie												
BKS-1	5/4/07	Fillet	69	16	5/F	26.6#	<2.46	<2.46	<2.46	2.92	<2.46	<2.46
BKS-4	5/4/07	Fillet	63	17	4/M	36.6	<2.48	<2.48	<2.48	3.39	<2.48	3.38
BKS-6	5/4/07	Fillet	67	18	5/M	45	<2.49	<2.49	<2.49	4.52	<2.49	2.89
BKS-7	5/4/07	Fillet	67	18	5/M	28.6	<2.50	<2.50	<2.50	3.88	3.11	3.05
BKS-10	5/4/07	Fillet	296	27	8/F	29.3#	<2.43	<2.43	<2.43	3.77	3.08	<2.43
BKS-10(dup)						26.2	<2.44	<2.44	2.65	<2.44	<2.44	<2.44
BKS-comp	5/4/07	Fillet	110	19		34.9	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BKS-comp(dup)						33.5	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
Walleye												
WE-1	5/4/07	Fillet	453	50	9/M	10.2	<2.40	<4.84	2.71	<2.40	<2.40	<2.40
WE-1(dup)						10.8	<2.42	<2.42	4.2	<2.42	<2.42	<2.42
WE-2	5/4/07	Fillet	486	52	10/M	18.8	<2.44	<2.44	4.65	2.8	2.85	<2.44
WE-3	5/4/07	Fillet	371	27	4/M	10.5	<2.49	<2.49	5.31	<2.49	<2.49	<2.49
WE-4	5/4/07	Fillet	1200	46	8/M	26.6	<2.33	<2.33	4.82	2.99	2.49	2.96

Square Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-2	5/2/07	Fillet	15	18.5	7/F	<4.57	<2.28	<2.28*	<2.28	<2.28	<2.28	<2.28
BGS-4	5/2/07	Fillet	21	10	2/F	<4.69	<2.35	<2.35*	<2.35	<2.35	<2.35	<2.35
BGS-8	5/2/07	Fillet	44	12.5	3/F	<4.72	<2.36	<2.36*	<2.36	<2.36	<2.36	<2.36
BGS-9	5/2/07	Fillet	84	16	5/M	<4.88	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
BGS-10	5/2/07	Fillet	111	17.5	6/M	<4.95	<2.48	<2.48*	<2.48	<2.48	<2.48	<2.48
BGS-comp	5/2/07	Fillet	53a	13a		<4.72	<2.36	<2.36	<2.36	<2.36	<2.36	<2.36
Black Crappie												
BKS-1	5/2/07	Fillet	74	16.5	4/M	<4.93	<2.46	<2.46*	<2.46	<2.46	<2.46	<2.46
BKS-2	5/2/07	Fillet	125	18.5	5/M	5.2	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
BKS-3	5/2/07	Fillet	94	18	5/M	<4.76	<2.38	<2.38*	<2.38	<2.38	<2.38	<2.38
BKS-4	5/2/07	Fillet	80	17	4/F	<4.90	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BKS-5	5/2/07	Fillet	126	20	5/M	<4.98	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
Largemouth Bass												
LMB-1	5/2/07	Fillet	309	26.5	3/M	<4.67	<2.34	<2.34*	<2.34	<2.34	<2.34	<2.34
LMB-2	5/2/07	Fillet	301	28	3/M	<4.88	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
LMB-3	5/2/07	Fillet	284	27.5	3/F	<4.81	<2.40	<2.40*	<2.40	<2.40	2.88	<2.40
LMB-4	5/2/07	Fillet	383	29.5	4/F	<5.00	<2.50	<2.50*	<2.50	<2.50	<2.50	<2.50
LMB-5	5/2/07	Fillet	316	28	3/M	<5.03	<2.51	<2.51*	<2.51	<2.51	<2.51	<2.51

Tanners Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	6/12/07	Fillet	89	17	6/M	61.1#	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
BGS-2	6/12/07	Fillet	32	12.5	3/F	87#	<2.30	<2.30	<2.30	<2.30	<2.30	<2.30
BGS-5	6/12/07	Fillet	93	18	7/F	56.6	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-7	6/12/07	Fillet	89	16.5	6/F	70.4	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44
BGS-10	6/12/07	Fillet	12	10	2/J	105	<2.49	<2.49	<2.49	4.36	<2.49	<2.49
BGS-comp	6/12/07	Fillet	50a	13a		55	<2.44	<2.59	<2.44	<2.44	<2.44	<2.44
Black Crappie												
BKS-1	6/12/07	Fillet	69	18	4/M	265	<2.45	<2.45	<2.45*	6.3	<2.45	<2.45
BKS-2	6/12/07	Fillet	63	15	3/M	75.9	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
BKS-3	6/12/07	Fillet	56	18	4/F	91.2	<2.38	<3.96	<2.38	2.82	<2.38	<2.38
BKS-4	6/12/07	Fillet	80	18.5	4/M	94.6	<2.39	<2.39	<2.39	<2.39	<2.39	<2.39
BKS-5	6/12/07	Fillet	56	17	4/F	64	<2.81	<2.40	<2.40	<2.40	<2.40	<2.40
Largemouth Bass												
LMB-1	6/12/07	Fillet	378	NA	4/F	96.5	<2.43	<3.18	<2.43	6.05	4.62	4.11
LMB-2	6/12/07	Fillet	619	NA	5/F	75.7	<2.44	<2.44	<2.44	4.86	4.42	8.37
LMB-3	6/12/07	Fillet	576	35	6/F	76.6	<2.39	<2.39	<2.39	3.56	4.73	3.4
LMB-4	6/12/07	Fillet	823	37	7/M	74.9	<2.44	<2.44	<2.44	3.44	<2.44	4.2
LMB-5	6/12/07	Fillet	1570	50	12/F	74.1	<2.56	<2.56	<2.56*	3.33	<2.56	<2.56

White Bear Lake Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-2	5/2/07	Fillet	26	10	2/F	<4.88	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
BGS-3	5/2/07	Fillet	8	7	1/J	<8.13	<4.07	<4.07*	<4.07	<4.07	<4.07	<4.07
BGS-5	5/2/07	Fillet	32	12	3/J	<4.81	<2.40	<2.40*	<2.40	<2.40	<2.40	<2.40
BGS-7	5/2/07	Fillet	171	19	7/M	4.77	<2.28	<2.28*	<2.28	<2.28	<2.28	<2.28
BGS-8	5/2/07	Fillet	111	25.5	5/F	5.08	<2.34	<2.34*	<2.34	<2.34	<2.34	<2.34
BGS-comp	5/2/07	Fillet	64a	13a		6.06	<2.31	<2.31	<2.31	<2.31	<2.31	<2.31
Black Crappie												
BKS-1	5/2/07	Fillet	172	21	6/F	18.4	<2.44	<2.44*	<2.44	<2.44	<2.44	<2.44
BKS-2	5/2/07	Fillet	525	30	10/F	30.8	<2.54	<2.54*	<2.54	3.51	<2.54	<2.54
Largemouth Bass												
LMB-1	5/2/07	Fillet	811	35	6/M	<4.81	<2.40	<2.40*	<2.40	<2.40	<2.40	<2.40
LMB-2	5/2/07	Fillet	845	36.5	7/F	9.07	<2.49	<2.49*	<2.49	<2.49	<2.49	<2.49
LMB-3	5/2/07	Fillet	638	34	6/M	<4.76	<2.38	<2.38*	<2.38	<2.38	<2.38	<2.38
LMB-4	5/2/07	Fillet	515	31	5/M	<4.85	<2.43	<2.43*	<2.43	<2.43	<2.43	<2.43
LMB-5	5/2/07	Fillet	503	31	5/M	<4.85	<2.43	<2.43*	<2.43	<2.43	<2.43	<2.43

St. Croix River Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-3	7/19/07	Fillet	86	15.5	5/F	<4.83	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BGS-5	7/19/07	Fillet	83	14.5	4/F	33.1	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
BGS-7	7/19/07	Fillet	122	18.5	7/M	<4.95	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48
BGS-8	7/19/07	Fillet	76	15	4/M	22.3	<2.40	<2.40	<2.40	<2.40	<2.40	<2.40
BGS-10	7/19/07	Fillet	80	15	4/M	13.1	<2.44	<2.65	<2.44	<2.44	<2.44	<2.44
BGS-comp	7/19/07	Fillet	82a	15a		12	<2.42	<2.42	<2.42	<2.42	<2.42	<2.42
BGS-comp(dup)						16.4	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46
Walleye												
WE-1	7/19/07	Fillet	670	45	8/M	8.34	<2.45	<3.85	<2.45*	<2.45	<2.45	<2.45
WE-2	7/19/07	Fillet	695	44	7/M	13.8	<2.35	<2.35	<2.35*	<2.35	<2.35	<2.35
WE-3	7/19/07	Fillet	641	42	6/M	12	<2.42	<2.42	<2.42*	<2.42	<2.42	<2.42
WE-4	7/19/07	Fillet	919	48	9/M	40.2	<2.42	<2.42	<2.42*	<2.42	<2.42	<2.42
WE-5	7/19/07	Fillet	890	48	9/M	12.7	<2.49	<2.49	<2.49	<2.49	<2.49	<2.49
White Bass												
WHB-1	7/19/07	Fillet	403	34	5/F	81.8	<2.50	<2.50	<2.50	2.63	<2.50	<2.50
Smallmouth Bass												
SMB-1	7/19/07	Fillet	573	35	3/M	12.3	<2.29	<2.29	<2.29	<2.29	<2.29	<2.29
SMB-2	7/19/07	Fillet	730	38	4/M	29.1	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
SMB-2(dup)						31.4	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22
SMB-3	7/19/07	Fillet	425	30	1/M	<4.90	<2.45	<2.45	<2.45	<2.45	<2.45	<2.45
SMB-4	7/19/07	Fillet	286	29	1/M	5.44	<2.33	<2.33	<2.33	<2.33	<2.33	<2.33
SMB-5	7/19/07	Fillet	252	27	1/M	11.2	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48

Mississippi River Brainerd area Fish PFC analysis												
Species & Sample ID	Sample Date	Tissue	Wt (g)	Ln (cm)	Age/ sex (yrs)	PFOS ng/g (ppb)	PFOA ng/g (ppb)	PFBA ng/g (ppb)	PFOSA ng/g (ppb)	PFDA ng/g (ppb)	PFUnA ng/g (ppb)	PFDoA ng/g (ppb)
Bluegill												
BGS-1	8/13/07	Fillet	50	14	4/J	7.38	<2.44	<2.47	<2.44*	<2.44	<2.44	<2.44
BGS-2	8/13/07	Fillet	59	13.3	3/F	12.3	<2.45	<2.45	<2.45*	<2.45	<2.45	<2.45
Walleye												
WE-1	8/13/07	Fillet	225	31	5/J	9.42	<2.35	<2.35	<2.35*	<2.35	<2.35	<2.35
WE-2	8/13/07	Fillet	625	43	7/F	8	<2.48	<2.48	<2.48*	<2.48	<2.48	<2.48
WE-3	8/13/07	Fillet	325	32	5/F	7.69	<2.46	<2.46	<2.46*	<2.46	<2.46	<2.46
WE-4	8/13/07	Fillet	1425	49	9/M	10.4	<2.42	<2.42	<2.42*	<2.42	<2.42	<2.42
WE-5	8/13/07	Fillet	1850	54	11/ M	8.75	<2.35	<2.35	<2.35*	<2.35	<2.35	<2.35
WE-5(dup)						8.99	<2.43	<8.25	<2.43*	<2.43	<2.43	<2.43
Northern Pike												
NP-1	8/13/07	Fillet	301	33	3/J	7.15	<2.35	<2.35	<2.35*	<2.35	<2.35	<2.35
NP-2	8/13/07	Fillet	1050	51	4/F	6.29	<2.46	<2.46	<2.46*	<2.46	<2.46	<2.46
NP-3	8/13/07	Fillet	1450	54	4/F	7.62	<2.27	<2.27	<2.27*	<2.27	<2.27	<2.27
Smallmouth Bass												
SMB-1	8/13/07	Fillet	1275	44	6/F	12.5	<2.44	<3.29	<2.44*	<2.44	<2.44	<2.44
SMB-2	8/13/07	Fillet	1300	39	4/M	12.1	<2.27	<2.27	<2.27*	<2.27	<2.27	<2.27
SMB-3	8/13/07	Fillet	900	36	3/M	11.3	<2.33	<2.33	<2.33*	<2.33	<2.33	<2.33
SMB-4	8/13/07	Fillet	1850	41	5/M	8.82	<2.43	<2.43	<2.43*	<2.43	<2.43	<2.43
SMB-5	8/13/07	Fillet	225	23	2/J	18	<2.40	<11.8	<2.92*	<2.40	<2.40	<2.40

< = less than the detection limit; number following this symbol represents the detection limit

* estimated values with a negative bias

estimated values with a positive bias

2008 MPCA Metro Lakes Fish PFC Data

Twin Cities Metro Lakes

	Average PFOS Concentration [ng/g; ppb]							
	Bluegill	**Bluegill (comp)**	**Black Crappie**	**Black Crappie (comp)**	**Largemouth Bass**	**Northern Pike**	**Pumpkinseed**	**Pumpkinseed (comp)**
Alimagnet	24.27 (6)	24.7 (6)	31.38 (6)	31.60 (6)	ns	ns	ns	ns
Bennett	40.12 (6)	36.8 (6)	46.52 (5)	58.50 (4)	ns	51.38 (5)	ns	ns
Calhoun	203.80 (5)	267 (4)	267.17 (6)	ns	425.60 (5)	ns	ns	ns
Casey	ns	ns	12.45 (5)	14.50 (5)	ns	ns	ns	ns
Cedar (Hennepin)	50.09 (8)	ns	68.15 (2)	ns	136.74 (5)	ns	ns	ns
Fish	76.08 (6)	73.70 (6)	101.68 (5)	98.60 (6)	ns	134.60 (5)	17.48 (5)	15.70 (6)
Harriet	137.00 (5)	ns	138.40 (5)	ns	227.40 (5)	ns	ns	ns
Hyland	12.44 (5)	ns	23.92 (5)	ns	43.06 (5)	ns	ns	ns
Isles	68.40 (3)	ns	166.97 (6)	ns	197.00 (5)	ns	ns	ns
Lee	22.47 (6)	20.80 (6)	38.24 (5)	29.30 (4)	ns	ns	ns	ns
Pelican	<dl (5)	ns	<dl (5)	ns	<dl (5)	ns	ns	ns
Starring (5/30/08)	22.27 (3)	ns	ns	ns	26.40 (4)	ns	ns	ns
Starring (6/24/08)	10.07 (2)	ns	15.86 (5)	ns	32.50 (1)	ns	ns	ns
Steiger	5.75 (3)	ns	5.69 (1)	ns	9.55 (5)	ns	ns	ns
Sweeney	26.20 (5)	ns	28.47 (3)	ns	49.52 (5)	ns	ns	ns
Twin	396.80 (6)	ns	419.00 (5)	ns	480.40 (5)	ns	ns	ns

Numbers listed are: average PFOS concentration (# of fish)
<dl – less than detection limit (approx. 2.5 ng/g)
ns – not sampled
comp – composite; tissue from several fish is combined prior to analysis

2008 MPCA Metro Lakes Fish PFC Data

Note: This summary table is only for concentrations of PFDA in fish from lakes listed below.

Twin Cities Metro Lakes

	Average PFDA Concentration [ng/g; ppb]							
	Bluegill	**Bluegill (comp)**	**Black Crappie**	**Black Crappie (comp)**	**Largemouth Bass**	**Northern Pike**	**Pumpkinseed**	**Pumpkinseed (comp)**
Alimagnet	3.69 (1)	<dl (5)	3.93 (5)	5.57 (6)	ns	ns	ns	ns
Bennett	4.74 (4)	3.38 (6)	6.67 (5)	6.66 (4)	ns	5.92 (5)	ns	ns
Calhoun	4.60 (5)	5.12 (4)	7.28 (6)	ns	11.00 (5)	ns	ns	ns
Casey	ns	ns	<dl (5)	<dl (5)	ns	ns	ns	ns
Cedar (Hennepin)	4.15 (6)	ns	5.23 (2)	ns	9.03 (5)	ns	ns	ns
Fish	2.91 (4)	4.16 (6)	5.48 (5)	6.17 (6)	ns	7.24 (5)	<dl (5)	<dl (5)
Harriet	4.03 (5)	ns	4.8 (5)	ns	8.03 (5)	ns	ns	ns
Hyland	2.55 (1)	ns	3.96 (4)	ns	4.83 (5)	ns	ns	ns
Isles	4.14 (3)	ns	8.87 (6)	ns	8.85 (5)	ns	ns	ns
Lee	3.03 (3)	<dl (6)	4.70 (5)	3.82 (4)	ns	ns	ns	ns
Pelican	<dl (5)	ns	<dl (5)	ns	<dl (5)	ns	ns	ns
Starring (5/30/08)	<dl (3)	ns	ns	ns	2.59 (1)	ns	ns	ns
Starring (6/24/08)	<dl (2)	ns	<dl (5)	ns	<dl (1)	ns	ns	ns
Steiger	<dl (4)	ns	<dl (2)	ns	<dl (5)	ns	ns	ns
Sweeney	3.17 (4)	ns	5.00 (3)	ns	5.66 (5)	ns	ns	ns
Twin	3.04 (6)	ns	5.04 (5)	ns	5.02 (5)	ns	ns	ns

Numbers listed are: average PFDA concentration (# of fish)
<dl – less than detection limit (approx. 2.5 ng/g)
ns – not sampled
comp – composite; tissue from several fish is combined prior to analysis

2008 MPCA Metro Lakes Fish PFC Data

Note: This summary table is only for concentrations of PFUnA in fish from lakes listed below.

Twin Cities Metro Lakes

	Average PFUnAConcentration [ng/g; ppb]							
	Bluegill	**Bluegill (comp)**	**Black Crappie**	**Black Crappie (comp)**	**Largemouth Bass**	**Northern Pike**	**Pumpkinseed**	**Pumpkinseed (comp)**
Alimagnet	3.65 (2)	<dl (5)	<dl (5)	2.65 (6)	ns	ns	ns	ns
Bennett	3.06 (6)	3.09 (6)	<dl (5)	3.01 (4)	ns	4.51 (3)	ns	ns
Calhoun	2.71 (2)	2.93 (4)	3.28 (3)	ns	6.21 (5)	ns	ns	ns
Casey	ns	ns	<dl (5)	<dl (5)	ns	ns	ns	ns
Cedar (Hennepin)	2.66 (2)	ns	3.05 (1)	ns	5.75 (5)	ns	ns	ns
Fish	2.74 (3)	<dl (6)	<dl (5)	<dl (6)	ns	5.11 (5)	<dl (5)	<dl (5)
Harriet	2.84 (3)	ns	<dl (5)	ns	3.85 (5)	ns	ns	ns
Hyland	<dl (5)	ns	<dl (5)	ns	3.80 (3)	ns	ns	ns
Isles	2.62 (2)	ns	5.49 (4)	ns	6.67 (5)	ns	ns	ns
Lee	<dl (6)	<dl (6)	3.61 (1)	<dl (4)	ns	ns	ns	ns
Pelican	<dl (5)	ns	<dl (5)	ns	<dl (5)	ns	ns	ns
Starring (5/30/08)	<dl (3)	ns	ns	ns	<dl (4)	ns	ns	ns
Starring (6/24/08)	<dl (2)	ns	<dl (5)	ns	<dl (1)	ns	ns	ns
Steiger	<dl (4)	ns	<dl (2)	ns	<dl (5)	ns	ns	ns
Sweeney	4.44 (3)	ns	4.87 (1)	ns	4.73 (5)	ns	ns	ns
Twin	4.58 (6)	ns	4.58 (4)	ns	6.07 (5)	ns	ns	ns

Numbers listed are: average PFUnA concentration (# of fish)
<dl – less than detection limit (approx. 2.5 ng/g)
ns – not sampled
comp – composite; tissue from several fish is combined prior to analysis

2008 MPCA Metro Lakes Fish PFC Data

Note: This summary table is only for concentrations of PFDoA in fish from lakes listed below.

Twin Cities Metro Lakes

	Average PFDoA Concentration [ng/g; ppb]							
	Bluegill	**Bluegill (comp)**	**Black Crappie**	**Black Crappie (comp)**	**Largemouth Bass**	**Northern Pike**	**Pumpkinseed**	**Pumpkinseed (comp)**
Alimagnet	2.57 (1)	<dl (5)	<dl (5)	<dl (6)	ns	ns	ns	ns
Bennett	3.02 (1)	<dl (6)	<dl (5)	<dl (4)	ns	3.26 (4)	ns	ns
Calhoun	3.68 (2)	4.15 (4)	2.90 (2)	ns	6.32 (5)	ns	ns	ns
Casey	ns	ns	<dl (5)	<dl (5)	ns	ns	ns	ns
Cedar (Hennepin)	2.76 (1)	ns	2.68 (1)	ns	5.51 (5)	ns	ns	ns
Fish	3.21 (1)	<dl (6)	<dl (5)	<dl (6)	ns	3.84 (5)	<dl (5)	<dl (5)
Harriet	2.80 (1)	ns	<dl (5)	ns	3.38 (3)	ns	ns	ns
Hyland	<dl (5)	ns	<dl (5)	ns	<dl (5)	ns	ns	ns
Isles	<dl (3)	ns	6.24 (5)	ns	7.27 (5)	ns	ns	ns
Lee	<dl (6)	<dl (6)	<dl (5)	<dl (4)	ns	ns	ns	ns
Pelican	<dl (5)	ns	<dl (5)	ns	<dl (5)	ns	ns	ns
Starring (5/30/08)	<dl (3)	ns	ns	ns	<dl (4)	ns	ns	ns
Starring (6/24/08)	<dl (2)	ns	<dl (5)	ns	<dl (1)	ns	ns	ns
Steiger	<dl (4)	ns	<dl (2)	ns	<dl (5)	ns	ns	ns
Sweeney	3.66 (5)	ns	4.49 (1)	ns	5.90 (5)	ns	ns	ns
Twin	2.84 (1)	ns	2.88 (3)	ns	3.46 (4)	ns	ns	ns

Numbers listed are: average PFDoA concentration (# of fish)
<dl – less than detection limit (approx. 2.5 ng/g)
ns – not sampled
comp – composite; tissue from several fish is combined prior to analysis

Table A9. 2007 Wastewater Treatment Plant Influent (ng/L)

AREA	PLANT NAME	Sample ID	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA
North	ALSSD	ALS	12	< 4.39	8.98	4.59	30.4	< 4.95	< 4.79	< 5.60	< 4.29	15.6	32.2	21.9	< 3.91
South	Austin	AUS-D	22.1	2.63	3.35	< 2.68	6.46	< 2.92	< 2.83	< 3.31	< 2.53	< 5.66	8.03	6.52	< 2.31
South	Austin	AUS-I	19.6	3.51	2.95	< 2.42	4.39	< 2.52	< 2.44	< 3.62	< 2.19	< 4.89	< 4.94	< 9.39	< 1.99
North	BoiseCascade	BOI	362	< 4.28	< 4.41	< 4.41	< 4.08	< 4.82	< 4.67	< 5.46	< 4.18	< 4.67	< 9.43	< 9.43	< 3.81
North	Brainerd	BRA	< 11.6	< 4.39	8.47	4.88	9.93	< 4.94	< 4.78	< 5.60	< 4.28	109	45.9	811	< 3.90
Central	DodgeCenter	DOD	83.3	< 2.76	< 2.85	< 2.85	6.27	< 3.11	< 3.01	< 3.52	< 2.70	< 6.02	7.14	19	< 2.46
Central	Eagle Point	EAG	656	31.3	22.9	5.59	17.1	< 4.13	< 4.13	< 4.13	< 4.13	67.1	19.9	< 8.28	< 4.13
North	Fergus Falls	FER	33	< 4.19	< 4.32	< 4.32	5.08	< 4.72	< 4.57	< 5.34	< 4.09	< 14.5	< 9.24	14.7	< 3.73
Central	Flint Hills	FLI	40.2	< 17.6	17.2	< 16.7	9.08	< 6.19	< 6.19	< 6.19	< 6.19	31.6	27.5	54.6	< 6.19
North	Hibbing	HIB	20.2	< 4.15	< 4.28	< 4.28	61.1	9.44	< 4.52	< 5.29	< 4.05	< 13.3	16.4	< 17.9	< 3.69
Central	Hutchinson	HUT	37	< 3.90	< 4.02	< 4.02	4.95	< 4.39	< 4.25	< 4.97	< 3.81	75.8	11.5	80.8	< 3.47
Central	Marathon-Ashland	MAR	1020	62.6	44.8	15	20	4.21	< 4.07	< 4.07	< 4.07	180	131	256	< 4.07
Central	Maynard	MAY	26	4.13	4.99	< 2.70	8.51	< 2.95	< 2.86	< 3.34	< 2.56	< 5.72	< 5.78	< 5.78	4.43
Central	Melrose	MEL	< 12.0	< 4.38	< 4.52	< 4.52	5.18	< 4.93	< 4.78	< 5.59	< 4.28	< 9.56	< 9.66	< 9.66	< 3.90
Central	Metro Plant	MET-1	58.1	8.58	12.9	6.52	21	< 4.38	< 4.38	< 4.38	< 4.38	38.8	12.4	35.3	< 4.38
Central	Metro Plant	MET-2	86.8	9.09	14.1	6.64	21.8	< 4.14	< 4.14	< 4.14	< 4.14	32.7	14.1	34.9	< 4.14
Central	Montivedeo	MON	32.9	< 3.17	< 3.27	< 3.27	9.47	6.82	7.74	< 4.04	< 3.10	< 6.91	< 8.28	< 6.99	< 2.82
South	Morton	MOR-1	< 4.03	< 4.03	< 4.03	< 4.03	< 4.03	< 4.03	< 4.03	< 4.03	< 4.03	21.2	< 8.06	< 8.06	< 4.03
South	Morton	MOR-2	< 4.05	< 4.05	< 4.05	< 4.05	< 4.05	< 4.05	< 4.05	< 4.05	< 4.05	9.38	< 8.11	< 8.11	< 4.05
South	Owatonna	OWA	35.2	9.29	15.4	< 3.85	19.5	< 4.20	< 4.07	< 4.76	< 3.65	< 8.14	< 8.23	< 8.23	< 3.32
North	Paynesville	PAY	38	< 4.39	< 4.53	< 4.53	< 4.18	< 4.95	< 4.79	< 5.60	< 4.29	< 9.58	< 9.68	< 9.68	< 3.91
South	Pipestone	PIP	18.9	52.4	< 2.57	< 2.57	3.32	3.4	< 2.72	< 3.18	< 2.44	< 5.44	< 5.50	< 5.50	< 2.22
South	Red Wing	RED	97.7	< 3.79	9.59	< 3.91	13.5	6.65	< 4.14	< 4.84	< 3.70	< 13.2	< 8.36	< 8.36	< 3.37
South	Rochester	ROC	36.8	< 4.04	5.06	< 4.17	17.7	< 4.55	< 4.41	< 5.15	< 3.94	< 8.81	10.4	< 10.7	< 3.59
Central	Me.CoSeneca	SEN	110	< 3.38	9.31	< 3.48	28.7	8.53	< 3.68	< 4.31	< 3.30	118	187	171	< 3.01
Central	St. Cloud	STC	< 12.0	< 4.41	6.81	6.81	16.5	< 4.96	< 4.80	< 5.62	< 4.30	< 11.2	21.5	< 9.71	< 3.92
North	Thief River F	THI	< 13.8	< 4.23	< 4.37	< 5.57	43.6	5.36	< 4.62	< 5.40	< 4.13	< 12.9	< 9.33	< 9.33	< 3.77
Central	Willmar	WIL	45.7	< 3.70	< 3.81	< 3.81	7.25	4.87	< 4.03	< 4.72	< 3.61	< 8.07	< 8.15	< 8.15	< 3.29
North	WLSSD	WLS	71.8	< 9.21	5.84	7.3	14	< 4.80	< 4.65	< 5.44	< 4.16	< 14.8	< 9.39	< 9.39	< 3.79
South	Worthington	WOR	61.9	< 3.90	< 4.02	< 4.02	4.28	< 4.39	< 4.25	< 4.97	< 3.80	< 8.50	< 8.59	< 8.59	< 3.47

Estimated values based on QA review

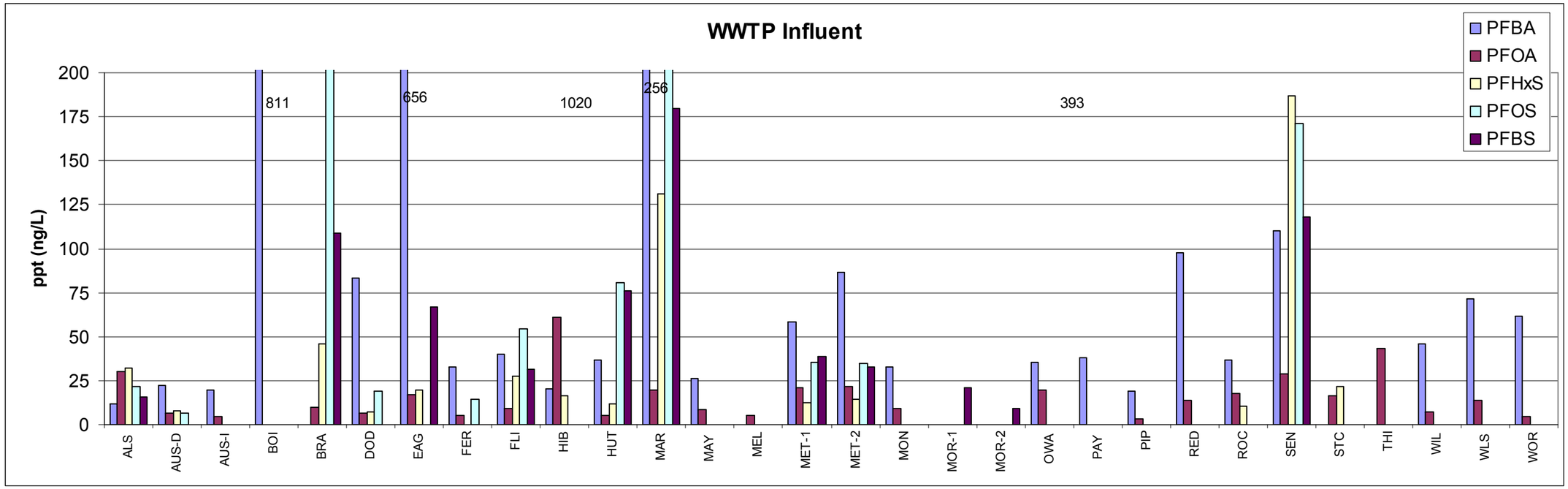


Figure A1. PFCs in WWTP Influent, 2007.

Table A10. 2007 Wastewater Treatment Plant Effluent in (ng/L)

AREA	PLANT NAME	Sample ID	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA
North	ALSSD	ALS	32.4	4.9	11.5	2.78	13.2	5.31	< 2.87	< 3.36	< 2.57	17.3	40.8	18.4	< 2.35
South	Austin	AUS	21.5	5.12	5.27	< 2.65	5.99	< 2.90	< 2.81	< 3.28	< 2.51	< 5.61	< 5.67	< 6.54	< 2.29
North	BoiseCascade	BOI	68.3	< 4.26	< 4.39	< 4.39	4.99	< 4.80	< 4.64	< 5.43	< 4.16	< 9.29	< 9.39	< 9.39	< 3.79
North	Brainerd	BRA	50.3	< 2.49	12.3	6.25	19	14.1	< 2.71	< 3.17	< 2.43	107	10.6	1510	< 2.21
Central	DodgeCenter	DOD	23.4	9.88	4.8	< 2.57	7.56	< 2.81	< 2.72	< 3.18	< 2.44	< 5.44	< 5.50	< 5.50	< 2.22
Central	Eagle Point	EAG	565	21.2	27.6	6.57	22.5	4.38	3.53	< 2.57	< 2.57	29.6	21.9	< 5.14	< 2.57
North	Fergus Falls	FER	18.2	2.73	10.5	3.07	9.03	10.3	< 2.81	< 3.29	< 2.52	8.1	< 5.68	< 5.68	< 2.29
Central	Flint Hills	FLI	148	< 9.91	23.6	6.86	10	< 2.59	< 2.59	< 2.59	< 2.59	< 5.17	45	57.5	5.21
North	Hibbing	HIB	22	48.1	30.7	8.24	63.5	31.4	7.33	< 3.29	< 2.52	7.2	8.57	12.8	< 2.29
Central	Hutchinson	HUT	35	40.5	40.2	4.87	31.8	< 2.93	3.7	< 3.32	< 2.54	26.6	12.9	42.6	< 2.32
Central	Marathon-Ashland	MAR	79.3	< 6.26	< 6.26	< 6.26	< 6.26	< 6.26	< 6.26	< 6.26	< 6.26	< 12.5	< 12.5	< 12.5	< 6.26
Central	Maynard	MAY	27	4.55	7.82	3.37	15	< 3.10	< 3.00	< 3.51	< 2.69	< 6.01	< 6.07	< 6.07	2.57
Central	Melrose	MEL	13.6	< 2.60	< 2.68	< 2.68	3.54	4.22	< 2.83	< 3.31	< 2.54	< 5.67	< 5.73	< 5.73	< 2.31
Central	Metro Plant	MET-1	120	16	27.4	15	50.5	15.2	7.56	< 2.64	< 2.64	25.7	26.5	110	< 2.64
Central	Metro Plant	MET-2	75.2	12.5	25.9	15	50.4	12.1	6.68	< 2.56	< 2.56	22	25.7	87.4	< 2.56
Central	MSP Airport	MSP-1	23.5	18.8	53.9	31.3	120	18.1	82.8	6.61	8.02	7.17	28.5	23.8	5.82
Central	MSP Airport	MSP-2	41.1	63.2	108	51.8	148	30.4	115	12.5	13	18	74.9	393	< 2.53
Central	Montivedeo	MON	17.8	36.5	14.7	2.86	26.5	3.78	3.29	< 3.30	< 2.52	< 5.64	9.55	< 5.70	< 2.30
South	Morton	MOR-1	< 2.60	< 2.60	< 2.60	< 2.60	3.38	< 2.60	< 2.60	< 2.60	< 2.60	< 5.20	< 5.20	< 5.20	< 2.60
South	Morton	MOR-2	< 4.45	< 4.45	< 4.45	< 4.45	< 4.45	< 4.45	< 4.45	< 4.45	< 4.45	< 8.91	< 8.91	< 8.91	< 4.45
South	Owatonna	OWA	17.9	39.8	20.9	3.73	32.1	< 2.88	4.33	< 3.27	< 2.50	< 5.58	< 5.64	< 6.79	< 2.28
North	Paynesville	PAY	75.6	14.9	19.6	10.6	33.5	9.3	< 4.53	< 5.30	< 4.06	< 9.06	10.8	< 9.16	< 3.70
South	Pipestone	PIP	50.3	6.05	8.16	4.15	18.7	4.41	< 2.93	< 3.42	< 2.62	< 5.85	< 5.92	10.1	2.95
South	Red Wing	RED	53.6	8.79	30.2	4.97	22.7	< 4.76	< 4.61	< 5.39	< 4.13	13.9	20.2	< 12.1	< 3.76
South	Rochester	ROC	31.3	79.2	28.8	45.6	39.9	8.01	5.44	< 3.30	< 2.52	< 5.64	10.9	15.3	3.03
Central	Me.CoSeneca	SEN	42.4	40.1	39.3	13.3	64.1	7.92	4	< 3.28	< 2.51	39.8	53.1	58.5	< 2.29
Central	St. Cloud	STC	43.7	5.66	23.9	4.32	27.1	10.2	< 2.81	< 3.28	< 2.51	12.4	27.7	6.84	< 2.29
Central	Willmar	WIL	36.8	< 2.57	4.99	2.74	5.86	< 2.90	< 2.81	< 3.28	< 2.51	< 5.61	< 5.67	< 11.4	< 2.29
North	WLSSD	WLS	31.1	3.18	6.53	3.48	14.2	8.48	< 2.76	< 3.23	< 2.47	16.2	< 5.58	16	< 2.25
South	Worthington	WOR	14.9	7.36	3.44	< 2.66	6.04	< 2.90	< 2.81	< 3.29	< 2.52	< 5.63	< 5.69	< 5.69	< 2.30

Estimated values based on QA review

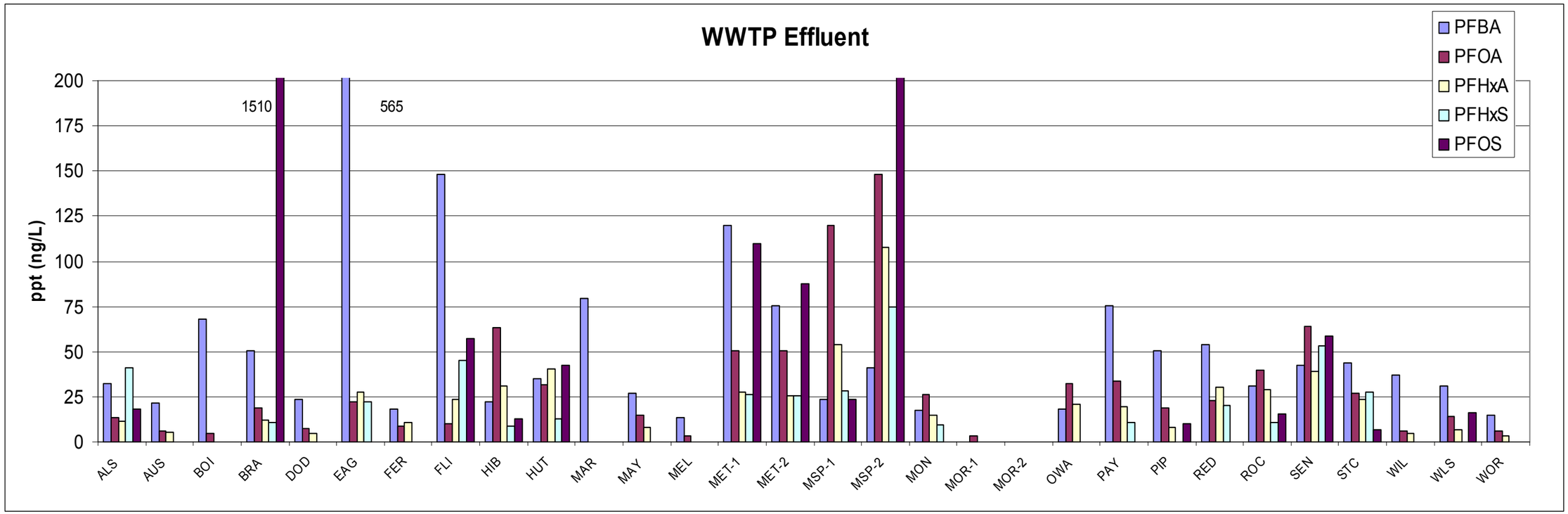


Figure A2. PFCs in WWTP Effluent, 2007.

Table A11. 2007 Wastewater Treatment Plant Sludge (ng/g dry weight)

AREA	PLANT NAME	Sample ID	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA	% Moisture
North	ALSSD	ALS	< 4.59	< 4.59	< 4.59	< 4.59	17.3	18.7	13.8	9.76	< 4.59	< 9.18	< 9.18	99	14.2	90.1
South	Austin	AUS	-	< 0.770	< 0.817	< 0.794	1.06	3.89	1.92	< 0.982	< 0.752	< 5.05	< 5.09	< 5.09	< 2.05	96.8
North	BoiseCascade	BOI-A	< 0.194	< 0.194	< 0.194	< 0.194	< 0.194	< 0.194	< 0.194	< 0.194	< 0.194	< 0.389	< 0.389	< 0.389	< 0.194	17.2
North	BoiseCascade	BOI-P	0.254	< 0.191	< 0.191	< 0.191	< 0.191	< 0.191	< 0.191	< 0.191	< 0.191	< 0.382	< 0.382	< 0.382	< 0.191	50.6
North	BoiseCascade	BOI-S	< 0.401	< 1.15	< 0.849	< 0.299	< 0.266	0.45	< 0.201	< 0.201	< 0.201	< 0.818	< 0.703	< 0.713	< 0.201	0.37
North	Brainerd	BRA	< 0.869	< 0.677	3.47	0.877	3.68	20.1	3.99	5.9	2.22	< 11.3	2.77	861	2.98	95
Central	DodgeCenter	DOD	-	1.33	< 0.624	< 0.624	5.6	7.6	18.8	5.16	3.91	< 1.32	2.46	24.6	6.87	95.8
Central	Eagle Point	EAG	2.47	0.617	2.7	< 0.590	6.02	2.21	20.7	4.65	4.65	< 1.25	< 2.58	22.4	4	95.3
North	Fergus Falls	FER	2.74	< 1.33	3.15	< 0.727	4.04	62.7	6.16	11.8	1.43	< 1.45	< 1.45	21.4	3.52	98.1
North	Hibbing	HIB	< 1.80	< 0.799	< 0.778	< 0.752	2.48	2.67	1.72	2.04	2.17	< 2.04	< 1.50	8.18	< 0.752	93.9
Central	Hutchinson	HUT	-	29.4	13	4.73	54.6	10.1	57.2	6.16	11.6	5.6	3.99	304	10.8	97.9
Central	Melrose	MEL	1.56	< 0.595	< 0.676	< 0.532	2.17	6.69	2.82	3.29	0.976	< 1.09	< 1.38	3.94	3.28	94.4
Central	Metro Plant	MET-1	7.27	4.52	6.58	< 2.73	24.5	23.3	36.9	19.2	19.2	< 5.46	< 8.33	267	16.3	98.7
Central	Metro Plant	MET-2	10.6	3.72	9.8	< 3.31	22.9	14.3	29.7	15.3	13.6	< 6.62	< 15.0	261	12.3	98.7
Central	Montivedeo	MON	-	4.17	2.88	1.03	19	22.4	73.5	15.6	13	< 2.39	3.45	39.7	28	96.7
South	Owatonna	OWA		4.48	17	3.05	32.1	4.13	89.1	3.55	11.7	< 4.23	< 3.95	30.8	17.4	96.1
South	Red Wing	RED	-	< 0.941	2.97	< 0.970	3.14	2.86	2.93	< 1.20	< 0.919	< 6.17	< 6.22	< 6.22	< 2.51	97.4
South	Rochester	ROC	1.65	< 0.633	0.952	< 0.633	3.76	3.31	6.29	2.64	2.06	< 3.21	4.83	21.2	3.88	93
Central	Me.CoSeneca	SEN	-	< 0.493	1.12	0.548	6.8	3.59	10.7	3.81	2.19	< 3.23	< 3.26	141	4.53	94.9
Central	St. Cloud	STC	< 0.792	< 1.03	4.55	< 0.792	7.32	4.89	15.7	3.86	1.39	< 5.32	3.59	20.4	2.4	96.6
Central	Willmar	WIL	-	< 0.958	1.85	1.29	3.1	5.87	2.24	1.93	< 0.936	< 6.28	< 6.34	< 6.34	< 2.56	97.5
North	WLSSD	WLS	6.75	< 1.85	< 1.85	< 1.85	4.43	4.12	4.72	4.24	< 1.85	< 4.14	< 3.69	18.7	11.5	98
South	Worthington	WOR	-	4.46	< 2.38	< 2.38	3.24	< 2.60	3.86	< 2.95	< 2.25	< 5.05	< 5.09	8.88	3.72	98.9

Estimated values based on QA review

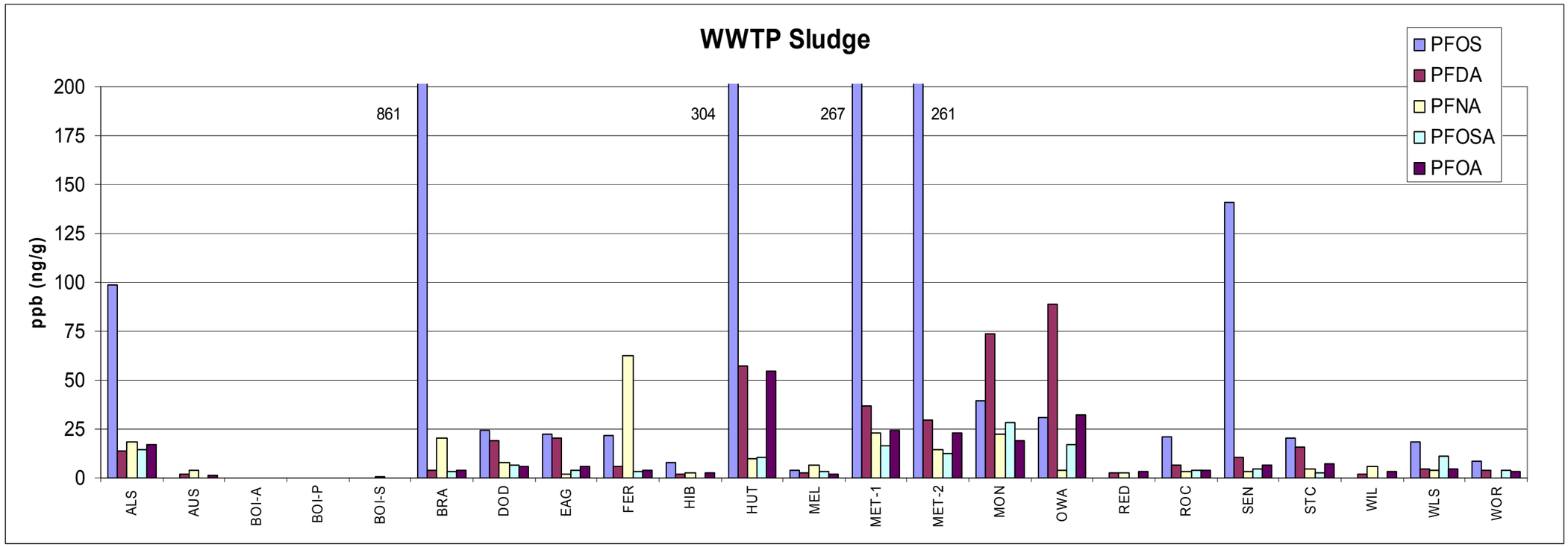


Figure A3. PFCs in WWTP Sludge, 2007.

Table A12. 2008 Wastewater Treatment Plant Influent in (ng/L)

		CLIENT ID	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA
ALL	Albert Lea	PF-ALL-IN	< 6.10	< 3.90	14.7	< 3.90	< 3.90	< 3.90	< 3.90	< 3.90	< 3.90	< 7.80	< 7.80	< 7.80	< 3.90
ALX	Alexandria Lakes Area	PF-ALX-IN	< 4.63	< 6.47	22.5	6.65	10.8	4.09	< 3.33	< 3.33	< 3.33	< 6.66	15.9	< 6.66	< 3.33
AUS	Austin	PF-AUS-IN	< 5.07	< 5.07	< 5.07	< 5.07	< 5.07	< 5.07	< 5.07	< 5.07	< 5.07	< 10.1	< 10.1	33.5	< 5.07
BIG	Big Lake	PF-BIG-IN	14.2	< 3.05	10.6	16	422	< 2.59	< 2.59	< 2.59	< 2.59	< 5.18	< 5.18	< 5.18	< 2.59
BRD	Brainerd	PF-BRD-IN	< 6.62	< 11.8	8.75	< 5.73	6.9	< 7.81	< 5.73	< 5.73	< 5.73	< 11.5	< 11.5	29.5	< 5.73
CNF	Cannon Falls	PF-CNF-IN	7.17	< 6.94	< 3.42	< 3.42	38.4	< 3.42	< 3.42	< 3.42	< 3.42	< 6.84	< 6.84	< 6.84	< 3.42
CRK	Crookston	PF-CRK-IN	< 2.52	< 2.79	34.2	10.4	25	25.4	6.51	< 2.52	< 2.52	< 5.04	< 5.04	11.7	3.03
DDC	Dodge Center	PF-DDC-IN	9.17	< 6.81	8.36	< 2.58	3.23	< 2.58	< 2.58	< 2.58	< 2.58	< 5.16	< 5.16	32.2	< 2.58
EVL	Eveleth	PF-EVL-IN	4.93	< 7.92	< 3.57	< 3.57	6.84	< 3.57	< 3.57	< 3.57	< 3.57	< 7.13	< 7.13	< 7.13	< 3.57
FAR	Faribault	PF-FAR-IN	9.92	< 2.56	< 2.56	< 2.56	7.19	< 2.56	< 2.56	< 2.56	< 2.56	< 5.11	< 5.11	< 5.11	< 2.56
FHR	Flint Hills Resources LP	PF-FHR-IN	NQ	487	< 14.7	< 7.91	< 2.80	< 2.80	< 2.80	< 2.80	< 2.80	130	18.1	43.5	< 2.80
GRR	Grand Rapids	PF-GRR-IN	<3.88	<12.1	<6.19	<19.8	<6.19	<6.19	<6.19	<6.19	<6.19	<12.4	<12.4	<12.4	<6.19
HIB	Hibbing	PF-HIB-IN	3.26	< 4.13	6.99	< 4.18	26.7	< 2.61	< 2.61	< 2.61	< 2.61	< 5.23	< 5.23	< 5.23	< 2.61
HUT	Hutchinson	PF-HUT-IN	24.6	< 8.18	11.5	< 5.48	< 5.48	< 5.48	< 5.48	< 5.48	< 5.48	< 11.0	11.2	19.8	< 5.48
ISL	Isle	PF-ISL-IN	7.86	< 3.30	5.11	< 3.30	3.95	< 3.30	< 3.30	< 3.30	< 3.30	< 6.59	< 6.59	< 6.59	< 3.30
LES	Le Sueur/Henderson	PF-LES-IN	< 6.02	< 6.02	< 6.02	< 6.02	98.9	< 6.02	< 6.02	< 6.02	< 6.02	< 12.0	< 12.0	< 12.0	< 6.02
MSP	MAC – Minneapolis/St. Paul Intl Airport														
MAN	Mankato	PF-MAN-IN	< 5.31	< 5.38	12.1	< 5.31	31.6	7.77	< 5.31	< 5.31	< 5.31	< 10.6	< 10.6	< 10.6	< 5.31
MPL	Maple Lake	PF-MPL-IN	8.03	< 2.54	4.93	< 2.54	< 4.05	< 2.54	< 2.54	< 2.54	< 2.54	< 5.08	< 8.59	< 5.08	< 2.54
EAP	Met Council – Eagles Point	PF-EAP-IN	401	18.8	13.8	< 5.36	14	< 5.36	< 5.36	< 5.36	< 5.36	< 10.7	< 10.7	34	< 5.36
MWP	Met Council – Metropolitan	PF-MWP-IN	58.3	< 8.70	10.8	< 6.05	16.1	< 6.05	< 6.05	< 6.05	< 6.05	< 12.1	< 12.1	16.4	< 6.05
RMT	Met Council – Rosemount	PF-RMT-IN	25.2	6.05	7.37	< 5.78	10.2	< 5.78	< 5.78	< 5.78	< 5.78	< 11.6	< 11.6	< 11.6	< 5.78
SEN	Met Council – Seneca	PF-SEN-IN	10.3	< 7.30	13.4	11.3	40.5	< 7.30	< 7.30	< 7.30	< 7.30	< 14.6	23.7	< 14.6	< 7.30
MON	Montevideo	PF-MON-IN	< 4.73	< 5.08	7.62	< 4.73	12	5.57	< 4.73	< 4.73	< 4.73	19.2	< 9.46	< 9.46	< 4.73
MOR	Moorhead	PF-MOR-IN	< 6.02	< 13.4	< 6.02	< 6.02	6.4	< 6.02	< 6.02	< 6.02	< 6.02	< 12.0	< 12.0	< 12.0	< 6.02
NUM	New Ulm	PF-NUM-IN	< 5.10	< 5.10	6.29	< 5.10	< 5.10	< 5.10	< 5.10	< 5.10	< 5.10	< 10.2	< 10.2	< 10.2	< 5.10
OWA	Owatonna	PF-OWA-IN	4.98	< 3.18	7.6	4.97	9.61	< 3.18	< 3.18	< 3.18	< 3.18	< 6.37	< 6.37	< 6.37	< 3.18
PAY	Paynesville	PF-PAY-IN	9.92	< 5.65	< 5.10	7.82	6.8	5.88	< 5.10	< 5.10	< 5.10	< 10.2	< 10.2	< 10.2	< 5.10
PNI	Pine Island	PF-PNI-IN	7.49	< 5.32	2.93	< 2.56	7.38	< 2.56	< 2.56	< 2.56	< 2.56	< 5.12	< 5.12	176	< 2.56
PRN	Princeton	PF-PRN-IN	21.4	< 6.63	3.67	< 2.79	4.17	< 3.36	< 2.79	< 2.79	< 2.79	< 5.58	< 5.58	< 5.58	< 2.79
ROC	Rochester (dups)	PF-ROC-INA	3.48	< 6.25	6.11	3.44	4.59	< 2.56	< 2.56	< 2.56	< 2.56	< 5.13	< 5.13	< 5.13	< 2.56
ROY	Royalton														
SIL	Silver Lake	PF-SIL-IN	< 4.78	< 6.13	< 4.78	< 4.78	5.18	< 5.64	< 4.78	< 4.78	< 4.78	< 9.57	< 9.57	36.4	< 4.78
STC	St. Cloud	PF-STC-IN	7.38	< 4.27	9.63	6.58	6.98	3.06	< 2.61	< 2.61	< 2.61	< 5.22	< 5.22	12.2	< 2.61
STJ	St. James	PF-STJ-IN	< 4.86	< 5.87	< 6.04	< 4.86	< 4.86	< 4.86	< 4.86	< 4.86	< 4.86	21.8	< 9.73	27.4	< 4.86
WAB	Wabasha	PF-WAB-IN	20.3	< 8.92	6.16	< 2.72	8.85	< 2.72	< 2.72	< 2.72	< 2.72	< 5.44	< 5.44	15.9	< 2.72
WAR	Warroad	PF-WAR-IN	< 3.47	< 2.60	21.7	5.2	16.3	5.51	< 2.60	< 2.60	< 2.60	< 5.21	< 5.21	< 5.21	< 2.60
WIN	Winona	PF-WIN-IN	12.7	4.18	10	5.04	13.5	< 2.72	< 2.72	< 2.72	< 2.72	< 5.43	12.2	8.63	< 2.72
WLS	WLSSD	PF-WLS-IN	< 16.8	< 12.0	< 12.0	< 12.0	< 12.0	< 12.0	< 12.0	< 12.0	< 12.0	< 24.0	< 24.0	< 24.0	< 12.0
XCL	Xcel Energy - Prairie Island Nuclear	PF-XCL-IN	20.3	< 3.38	5.47	< 2.50	5.53	< 2.50	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50

not sampled
*Estimated value

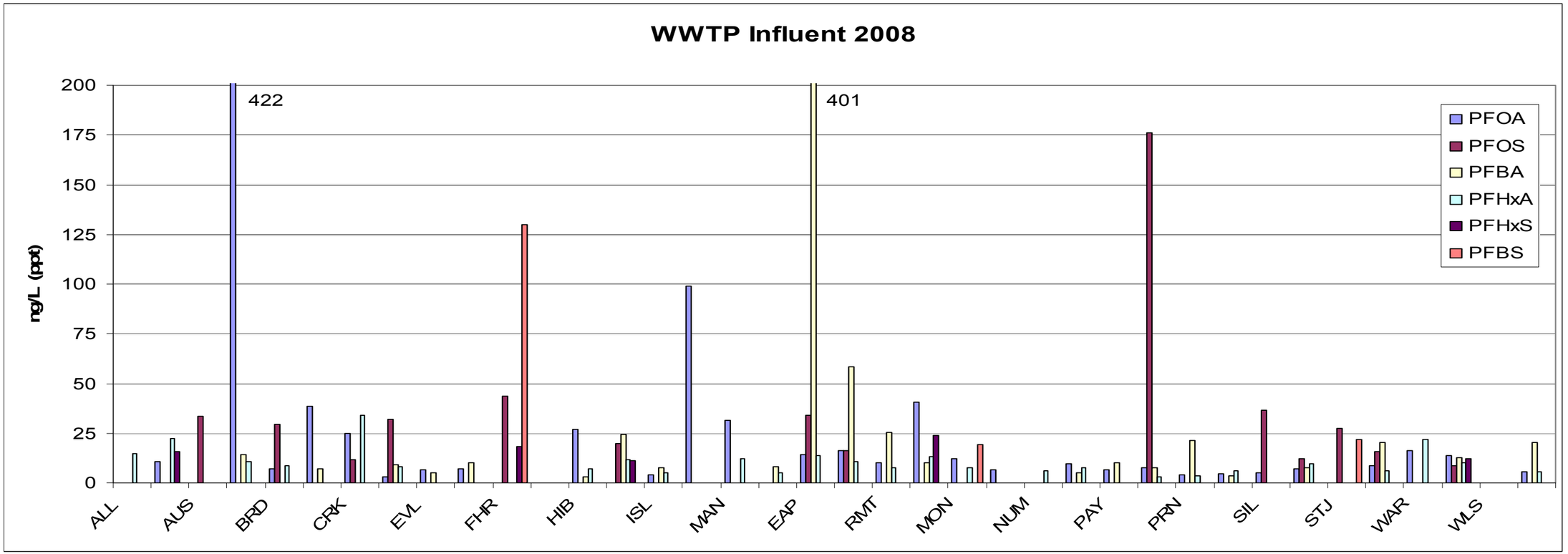


Figure A4. PFCs in WWTP Influent, 2008.

Table A13. 2008 Wastewater Treatment Plant Effluent in (ng/L)

		CLIENT ID	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA
ALL	Albert Lea	PF-ALL-EF	4.06	5.79	10.1	3.96	8.48	2.77	< 2.45	< 2.45	< 2.45	< 4.91	< 4.91	< 4.91	< 2.45
ALX	Alexandria Lakes Area	PF-ALX-EF	5.4	12.6	37.7	7.31	30.5	7.36	< 2.57	< 2.57	< 2.57	< 5.15	23.8	9.46	< 2.57
AUS	Austin	PF-AUS-EF	3.51	7.28	6.04	2.92	5.72	< 2.46	< 2.46	< 2.46	< 2.46	< 4.91	< 4.91	< 4.91	< 2.46
BIG	Big Lake	PF-BIG-EF	18.1	45.4	41.1	6.44	49	< 5.02	< 5.02	< 5.02	< 5.02	17.6	< 10.0	< 10.0	5.98
BRD	Brainerd	PF-BRD-EF	< 7.56	< 4.86	7.41	< 5.72	8.82	6.45	< 4.86	< 4.86	< 4.86	< 9.72	< 9.72	45	< 4.86
CNF	Cannon Falls	PF-CNF-EF	4.11	9.16	24.3	17.5	17.1	7.13	< 2.58	< 2.58	< 2.58	< 5.17	< 5.17	< 5.17	< 2.58
CRK	Crookston	PF-CRK-EF	< 10.5	< 10.3	45.8	10.6	33.3	33.3	5.25	< 2.67	< 2.67	< 5.34	21.1	8.02	2.89
DDC	Dodge Center	PF-DDC-EF	7.79	< 2.62	7.07	4.9	12.2	< 2.62	< 2.62	< 2.62	< 2.62	< 5.25	< 5.25	< 5.25	< 2.62
EVL	Eveleth	PF-EVL-EF	3.94	< 4.25	3.05	2.6	9.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 4.95	< 4.95	< 2.48
FAR	Faribault	PF-FAR-EF	< 6.14	2.83	5.02	< 2.61	5.66	< 2.61	< 2.61	< 2.61	< 2.61	< 5.22	< 5.22	< 5.22	< 2.61
FHR	Flint Hills Resources LP	PF-FHR-EF	128	< 5.50	12.2	5.87	5.48	< 2.63	< 2.49	< 2.49	< 2.49	18.5	42.9	32.5	3.06
GRR	Grand Rapids	PF-GRR-EF	7.38	<11	<3.48	<16.7	6.52	<2.58	<2.58	<2.58	<2.58	<5.16	<5.16	<5.16	<2.58
HIB	Hibbing	PF-HIB-EF	4.38	< 2.48	11.4	5.91	18.6	5.66	3.72	< 2.48	< 2.48	10.1	< 4.95	< 4.95	< 2.48
HUT	Hutchinson	PF-HUT-EF	7.19	9.52	22.7	4.5	20.4	< 2.55	< 2.55	< 2.55	< 2.55	5.39	11	52.3	< 2.55
ISL	Isle	PF-ISL-EF	15.7	15.7	69.1	19.2	43.8	20.2	9.51	< 4.95	< 4.95	< 9.91	< 9.91	13.8	< 4.95
LES	Le Sueur/Henderson	PF-LES-EF	31.1	< 4.84	6.34	< 5.53	11.9	4.18	< 2.52	< 2.52	< 2.52	< 5.04	< 5.04	< 5.04	< 2.52
MSP	MAC – Minneapolis/St. Paul Intl Airport	PF-MSP-P1	19.2	38.1	79.2	34.1	91.1	20.1	50.4	5.63	3.01	< 5.03	19.2	40.9	< 2.51
MSP	MAC – Minneapolis/St. Paul Intl Airport	PF-MSP-P2	9.78	11.6	25.9	9.89	33	50.3	12.2	20.4	2.84	5.62	27.2	60.3	2.84
MAN	Mankato	PF-MAN-EF	9.17	34	56	11.2	63.3	4.89	2.63	< 2.54	< 2.54	16.6	< 5.08	< 5.08	< 2.54
MPL	Maple Lake	PF-MPL-EF	7.23	< 2.78	6.72	3.42	3.98	< 2.58	< 2.58	< 2.58	< 2.58	20.4	< 5.15	< 5.15	< 2.58
EAP	Met Council – Eagles Point	PF-EAP-EF	541	18	34	13.1	34.5	3.8	< 2.60	< 2.60	< 2.60	53.2	105	489	< 2.60
MWP	Met Council – Metropolitan	PF-MWP-EF	61.1	11.1	28.7	17.8	43.5	60.6	4.8	9.38	< 2.57	19.8	13	80.2	< 2.57
RMT	Met Council – Rosemount	PF-RMT-EF	130	17.8	36.9	19.3	99.5	8.28	< 5.39	< 5.39	< 5.39	21	15.1	18.3	< 5.39
SEN	Met Council – Seneca	PF-SEN-EF	13.1	10.9	32.3	12.5	28.3	9.42	3.18	< 2.54	< 2.54	21.1	20.5	32.9	< 2.54
MON	Montevideo	PF-MON-EF	5.23	14.5	21.6	3.46	21.1	4.38	< 2.57	< 2.57	< 2.57	26.2	< 5.14	< 5.14	< 2.57
MOR	Moorhead	PF-MOR-EF	< 3.84	8.71	26	6.53	26.4	5.7	< 2.48	< 2.48	< 2.48	< 4.95	11.9	15.8	< 2.48
NUM	New Ulm	PF-NUM-EF	27.7	48.2	71.4	25.7	53	< 2.59	< 2.59	< 2.59	< 2.59	< 5.19	< 5.19	< 5.19	< 2.59
OWA	Owatonna	PF-OWA-EF	10.4	34.7	59.5	9.35	84.5	2.58	7	< 2.51	< 2.51	7.24	< 5.03	< 5.03	< 2.51
PAY	Paynesville	PF-PAY-EF	< 11.8	< 5.82	27.7	8.62	33.9	9.45	4	< 2.52	< 2.52	< 5.03	< 5.03	7.84	< 2.52
PNI	Pine Island	PF-PNI-EF	6	5.21	7.18	< 5.05	11.6	< 5.05	< 5.05	< 5.05	< 5.05	267	< 10.1	545	< 5.05
PRN	Princeton	PF-PRN-EF	9.19	26.5	34	6.02	34.1	< 2.57	3.83	< 2.57	< 2.57	5.44	< 5.15	< 5.15	< 2.57
ROC	Rochester	PF-ROC-EFA	12.8	31.7	40.7	30.2	37	7.9	4.1	< 2.49	< 2.49	13.8	< 4.97	< 4.97	< 2.49
ROY	Royalton	PF-ROY-EF	6.77	<4.94	<4.94	<4.94	<4.94	<4.94	<4.94	<4.94	<4.94	<9.87	<9.87	<9.87	<4.94
SIL	Silver Lake	PF-SIL-EF	< 4.65	< 5.30	10.6	4.84	17.8	4.88	< 3.27	< 3.27	< 3.27	< 6.55	8.83	20.5	< 3.27
STC	St. Cloud	PF-STC-EF	16.5	< 4.73	42.5	< 5.01	26.7	6.14	2.75	< 2.53	< 2.53	< 5.06	11	11	< 2.53
STJ	St. James	PF-STJ-EF	7.33	16.2	11.8	4.63	10.3	< 2.53	< 2.53	< 2.53	< 2.53	47.3	< 5.06	91.5	< 2.53
WAB	Wabasha	PF-WAB-EF	18.4	18.3	18.2	5.15	25.4	< 2.54	< 2.54	< 2.54	< 2.54	5.93	< 5.09	5.24	2.76
WAR	Warroad	PF-WAR-EF	4.41	< 4.42	47.6	13	21	8.13	< 2.48	< 2.48	< 2.48	< 4.96	< 4.96	6	4.32
WIN	Winona	PF-WIN-EF	10.8	5.79	22.1	3.64	20.9	2.98	< 2.64	< 2.64	< 2.64	< 5.28	14.5	16.4	< 2.64
WLS	WLSSD	PF-WLS-EF	29.6	< 5.88	11.5	10.5	21.7	6.1	4.37	< 2.48	< 2.48	39.1	< 4.97	15.2	< 2.48
XCL	Xcel Energy - Prairie Island Nuclear	PF-XCL-OUT	20.1	5.21	3.9	< 2.50	4.95	< 3.02	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50

*Estimated value

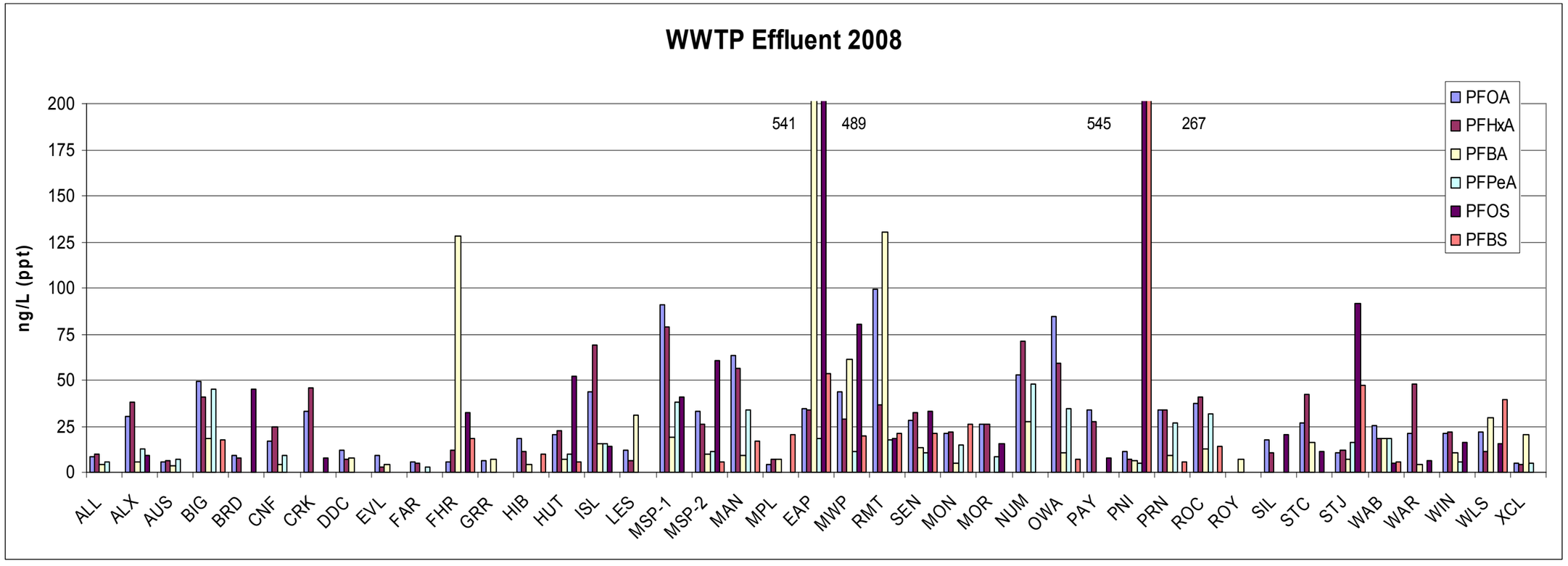


Figure A5. PFCs in WWTP Effluent, 2008.

Table A14. 2008 Wastewater Treatment Plant Sludge in (ng/g)

		CLIENT ID	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA	PFDoA	PFBS	PFHxS	PFOS	PFOSA	% Moisture
ALL	Albert Lea	PF-ALL-SL	< 3.36	< 3.36	< 3.36	< 3.36	5.9	6.78	14.7	4.95	3.45	< 6.71	< 6.71	18.5	14	99.3
ALX	Alexandria Lakes Area															
AUS	Austin	PF-AUS-SL	< 0.748	< 0.748	< 0.748	< 0.748	< 0.748	1.45	0.955	< 0.932	< 1.96	< 1.50	< 1.51	4.15	< 0.748	96.7
BIG	Big Lake															
BRD	Brainerd	PF-BRD-SL	<5.17	<5.17	10.6	<5.17	<5.17	11.6	5.89	10	5.19	<10.3	<10.3	442	<5.17	98.1
CNF	Cannon Falls															
CRK	Crookston															
DDC	Dodge Center															
EVL	Eveleth															
FAR	Faribault															
FHR	Flint Hills Resources LP															
GRR	Grand Rapids															
HIB	Hibbing															
HUT	Hutchinson	PF-HUT-SL	< 9.37	15.3	21.1	< 9.37	35.4	< 9.37	< 9.37	< 9.37	< 9.37	< 18.7	< 18.7	< 18.7	< 9.37	analyzed as aqueous sample
ISL	Isle															
LES	Le Sueur/Henderson															
MSP	MAC – Minneapolis/St. Paul Intl Airport															
MAN	Mankato	PF-MAN-SL	3.31	< 1.85	15.9	1.95	17.4	4.38	13.1	3.61	9.95	< 2.24	13.1	88.4	24.8	97.8
MPL	Maple Lake															
EAP	Met Council – Eagles Point															
MWP	Met Council – Metropolitan	PF-MWP-SL	9.2	< 2.31	8.27	3.87	14.2	49.7	17.3	297	11.2	< 4.61	4.98	253	19.4	98.9
RMT	Met Council – Rosemount															
SEN	Met Council – Seneca	PF-SEN-SL	< 0.512	< 0.551	5.5	1.26	9.15	9.86	26.3	13.5	10.2	< 1.02	11.4	350	6.04	95.1
MON	Montevideo	PF-MON-SL	< 1.67	< 1.67	3.18	< 1.67	15.9	31.7	51	41.5	16	< 3.35	< 3.35	36.4	23.4	98.5
MOR	Moorhead															
NUM	New Ulm	PF-NUM-SL	4.42	< 4.46	19.2	6.82	27.7	4.09	24.1	6.42	7.3	< 2.63	3.42	18.5	6.96	98.1
OWA	Owatonna															
PAY	Paynesville															
PNI	Pine Island															
PRN	Princeton															
ROC	Rochester	PF-ROC-SLA	0.43	< 0.321	1.82	< 0.321	3.75	4.92	13.6	4.73	6.16	< 0.641	< 5.23	7.42	2.42	92.2
ROY	Royalton															
SIL	Silver Lake															
STC	St. Cloud	PF-STC-SL	< 0.760	< 0.760	11.3	< 1.25	6.91	6.84	11	4.08	5.1	< 1.52	< 5.08	11.6	1.35	96.8
STJ	St. James	PF-STJ-SL	< 0.674	< 0.674	1.45	< 0.674	1.8	0.814	5.88	3.09	5.85	< 1.35	1.7	252	8.53	96.3
WAB	Wabasha															
WAR	Warroad															
WIN	Winona	PF-WIN-SL	< 4.48	< 3.46	12.3	< 1.79	14	26.3	23.4	12.7	15.4	< 3.58	6.6	91.1	6.94	98.6
WLS	WLSSD	PF-WLS-SL	< 0.848	< 0.848	1.94	< 0.848	3.2	3.3	5.14	4.48	2.14	< 1.70	< 1.70	16	1.31	70.7
XCL	Xcel Energy - Prairie Island Nuclear															

not sampled
*Estimated value

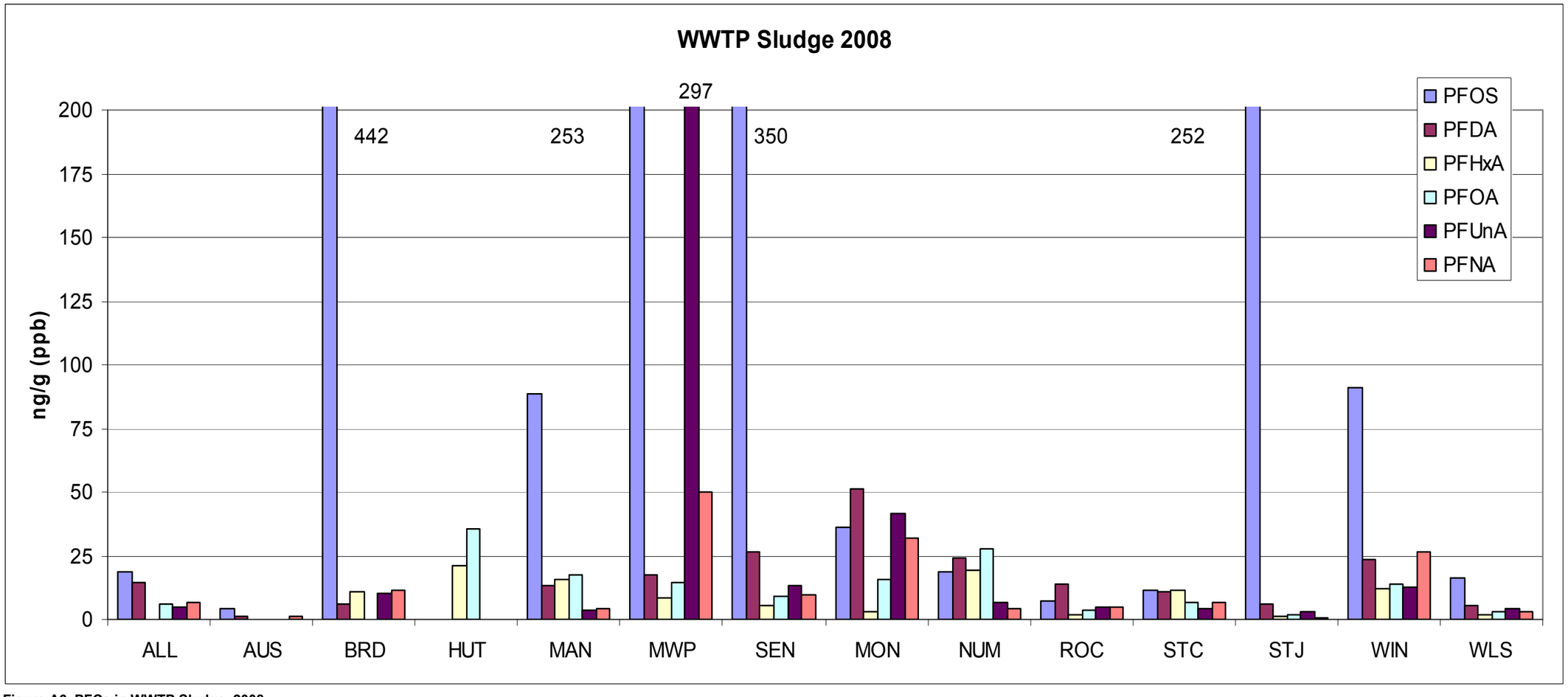


Figure A6. PFCs in WWTP Sludge, 2008.

Table A15. Draft Results from Red Rock Road Air Sampling Site

Sample 4	96hrs Filter *	96hrs Front puf/xad **	96hrs Back puf ***	Particulate	Gaseous	Total Air Concentration
UNITS	ng/sample	ng/sample	ng/sample	pg/m^3	pg/m^3	pg/m^3
PFBA	< 0.500	13.06	1.32	ND	11.4	11.4
PFPeA	< 0.500	0.542	< 0.500	ND	0.4	0.4
PFHxA	< 0.500	1.95	< 0.500	ND	1.6	1.6
PFHpA	< 0.500	0.542	< 0.500	ND	0.4	0.4
PFOA	2.77	20.2	< 0.500	2.2	16.1	18.3
PFNA	< 0.500	0.526	11.4	ND	9.5	9.5
PFDA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFUnA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFDoA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFBS	< 1.00	< 1.00	< 1.00	ND	ND	ND
PFHxS	< 1.00	< 1.00	< 1.00	ND	ND	ND
PFOS	2.63	2.29	< 1.00	2.1	1.8	3.9
PFOSA	< 0.500	1.7	< 0.500	ND	1.4	1.4

Total sample air volume was 1257.9 m^3 air

Sample 5	96hrs Filter *	96hrs Front puf/xad raw	96hrs Front puf/xad **	96hrs Back puf ***	96hrs Total	Total air volume	Particulate	Gaseous	Total Air Concentration
UNITS	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	m^3 Air	pg/m^3	pg/m^3	pg/m^3
PFBA	< 0.500	19.9	18.56	1.04	19.60	1252.1	ND	15.7	15.7
PFPeA	< 0.500	0.627	0.627	< 0.500	0.63	1252.1	ND	0.5	0.5
PFHxA	< 0.500	1.01	1.01	< 0.500	1.01	1252.1	ND	0.8	0.8
PFHpA	< 0.500	0.554	0.554	< 0.500	0.55	1252.1	ND	0.4	0.4
PFOA	2.84	2.92	2.92	< 0.500	5.76	1252.1	2.3	2.3	4.6
PFNA	< 0.500	5.43	5.43	5.71	11.14	1252.1	ND	8.9	8.9
PFDA	< 0.500	< 0.500	< 0.500	< 0.500	< 0.5	1252.1	ND	ND	ND
PFUnA	< 0.500	< 0.500	< 0.500	< 0.500	< 0.5	1252.1	ND	ND	ND
PFDoA	< 0.500	< 0.500	< 0.500	< 0.500	< 0.5	1252.1	ND	ND	ND
PFBS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1252.1	ND	ND	ND
PFHxS	< 1.00	5.49	5.49	< 1.00	5.49	1252.1	ND	4.4	4.4
PFOS	3.22	2.72	2.72	< 1.00	5.94	1252.1	2.6	2.2	4.7
PFOSA	< 0.500	< 0.500	< 0.500	< 0.500	< 0.5	1252.1	ND	ND	ND

Total sample air volume was 1252.1 m^3 air

Sample 6	72hrs Filter *	72hrs Front puf/xad **	72hrs Back puf ***	Particulate	Gaseous	Total Air Concentration
UNITS	ng/sample	ng/sample	ng/sample	pg/m^3	pg/m^3	pg/m^3
PFBA	< 0.500	10.66	1.07	ND	12.4	12.4
PFPeA	< 0.515	0.653	< 0.500	ND	0.7	0.7
PFHxA	< 0.500	1.06	< 0.500	ND	1.1	1.1
PFHpA	< 0.500	0.636	< 0.500	ND	0.7	0.7
PFOA	1.82	6.21	< 0.500	1.9	6.6	8.5
PFNA	< 0.500	6.56	5.49	ND	12.7	12.7
PFDA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFUnA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFDoA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFBS	< 1.00	< 1.00	< 1.00	ND	ND	ND
PFHxS	< 1.11	< 1.00	< 1.00	ND	ND	ND
PFOS	6.46	2.19	< 1.00	6.8	2.3	9.1
PFOSA	< 0.500	0.926	< 0.500	ND	1.0	1.0

Total sample air volume was 945.8 m^3 air

Sample 7	72hrs Filter *	72hrs Front puf/xad raw	72hrs Front puf/xad **	72hrs Back puf ***	72hrs Total	Total air volume	Particulate	Gaseous	Total Air Concentration
UNITS	ng/sample	ng/sample	ng/sample	ng/sample	ng/sample	m^3 Air	pg/m^3	pg/m^3	pg/m^3
PFBA	< 0.500	13.1	11.76	1.96	13.72	937.8	ND	14.6	14.6
PFPeA	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	937.8	ND	ND	ND
PFHxA	< 0.500	2.13	2.13	< 0.500	2.13	937.8	ND	2.3	2.3
PFHpA	< 0.500	< 0.500	< 0.500	0.515	< 0.500	937.8	ND	ND	ND
PFOA	4.78	13.4	13.4	< 0.500	18.18	937.8	5.1	14.3	19.4
PFNA	< 0.500	6.46	6.46	7.12	13.58	937.8	ND	14.5	14.5
PFDA	< 0.500	< 0.500	< 0.500	1.1	< 0.5	937.8	ND	1.2	1.2
PFUnA	< 0.500	< 0.500	< 0.500	< 0.500	< 0.5	937.8	ND	ND	ND
PFDoA	< 0.500	< 0.500	< 0.500	< 0.500	< 0.5	937.8	ND	ND	ND
PFBS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	937.8	ND	ND	ND
PFHxS	< 1.54	< 1.98	< 1.00	< 1.00	< 1.00	937.8	ND	ND	ND
PFOS	6.31	2.21	2.21	< 1.00	8.52	937.8	6.7	2.4	9.1
PFOSA	< 0.500	0.745	0.745	< 0.500	0.75	937.8	ND	0.8	0.8

Total sample air volume was 937.8 m^3 air

* Filter: Front end fiberglass filter captures most particulates and aerosols

** Front puf/xad: This section of sampling train will capture all PFCs in gaseous form and any ultra fine particles that may escape capture on filter. Blank-corrected.

*** Back puf: Secondary polyurethane packing designed to capture any breakthough of gaseous PFCs from front puf/xad. May also be used as a QC indicator of overall collection efficiency

Table A15. Continued

Sample 8	72hrs Filter *	72hrs Front puf/xad **	72hrs Back puf ***	Particulate	Gaseous	Total Air Concentration
UNITS	ng/sample	ng/sample	ng/sample	pg/m^3	pg/m^3	pg/m^3
PFBA	< 0.500	7.46	1.07	ND	8.6	8.6
PFPeA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFHxA	< 0.500	0.955	< 0.500	ND	1.0	1.0
PFHpA	< 0.500	0.636	< 0.500	ND	0.6	0.6
PFOA	1.62	1.67	< 0.500	1.6	1.7	3.3
PFNA	< 0.500	8.7	5.49	ND	14.3	14.3
PFDA	< 0.500	1.87	< 0.500	ND	ND	1.9
PFUnA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFDoA	< 0.500	< 0.500	< 0.500	ND	ND	ND
PFBS	< 1.00	< 1.00	< 1.00	ND	ND	ND
PFHxS	< 1.00	< 1.00	< 1.00	ND	ND	ND
PFOS	7.83	4.96	< 1.00	7.9	5.0	12.9
PFOSA	< 0.500	< 0.500	< 0.500	ND	ND	ND

Total sample air volume was 991.8 m^3 air

* Filter: Front end fiberglass filter captures most particulates and aerosols

** Front puf/xad: This section of sampling train will capture all PFCs in gaseous form and any ultra fine particles that may escape capture on filter. Blank-corrected.

*** Back puf: Secondary polyurethane packing designed to capture any breakthough of gaseous PFCs from front puf/xad. May also be used as a QC indicator of overall collection efficiency

Appendix B

Sources, Fate, and Transport of PFCs in the Environment

Direct Sources of Perfluorinated Chemicals to the Environment

The variety and number of fluorinated compounds currently in production comprise an enormous group of chemicals including drugs, anesthetics, chemotherapeutic agents, many pesticides, and refrigerants, as well polymers such as Teflon® and Goretex® [1]. The environmental fate of most of these compounds is unknown.

This summary is focused primarily on perfluorinated surfactants which include perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) and related compounds that have been the focus of intense environmental study. Perfluorinated surfactants are consistently detected in almost every surface and ground water sample and are almost always found in wildlife and humans. While it is clear that these are not naturally occurring compounds – they are entirely human-made – how these compounds have become so widely distributed in our environment in often very remote locations is less understood. Studies have shown that PFOA, for example, is likely "ubiquitous in the northern hemisphere" without a clear source of that widespread contamination [2]

The direct release of these compounds to the environment through manufacturing processes represents one route of exposure to chemicals like PFOA or PFOS. However, several recent studies show that they can also be generated through the degradation of other fluorinated compounds or products that are not of serious environmental concern.

Fluorinated surfactants are synthesized via two primary methods: through electrochemical fluorination (ECF) or through a telomerization manufacturing process[1, 3]. ECF is the process that 3M uses to produce fluorinated compounds. This process begins with sulfonyl fluorides, fluoroalkyl iodides, or carbonyl fluorides, and results in numerous perfluorinated carbon (PFC) compound isomers and byproducts. It results in isomeric mixtures of PFC that are typically 30% branched isomers and 70% straight carbon chain isomers [1, 3]. ECF was used to produce the fluorinated surfactants PFOA and PFOS, non-volatile perfluorinated surfactants that are used in fire-fighting foams (aqueous film-forming foams, or AFFF), paints, polishes, films, and lubricants. ECF is the only process used to directly produce PFOA and PFOS, with over 6 million pounds produced in 2000 [3].

The major contributors to environmental loads appear to be direct sources from the use of PFOA and the ammonia salts of perfluorononanoic acid (PFNA) in fluoropolymer manufacturing [4]. The chemicals produced through ECF from sulfonyl fluorides include PFOS, *N*-methylperfluorooctanesulfonamidoethanol (*N*-MeFOSE), and *N*-ethylperfluorooctanesulfonamidoethanol (*N*-EtFOSE)[1, 3]. The latter two volatile sulfonamide alcohols are themselves building blocks for a variety of polymers, chemical intermediates, and other perfluoroalkyl substances, and were used to produce carpet treatments and paper coating materials[3]. Due to their volatility, *N*-MeFOSE, and *N*-EtFOSE have been found in atmospheric samples.

A primary use of fluorinated chemicals is in the synthesis of fluorinated polymers. Polyfluoroalkylphosphate surfactants (PAPs), for example, are produced from *N*-EtFOSE and have been used in food contact paper products since 1974. *N*-MeFOSE was the primary ingredient in the production of polymers used for coating fabrics and carpets, such

as 3M's ScotchGard® products [5]. sOf the compounds produced through the ECF process, 3% were used in fire-fighting foams, 10% were used as industrial surfactants and coatings, 37% were used in textile, leather, and carpet coatings, and 41% of fluorinated alkyl substances were used for paper and packaging.

Telomerization, is DuPont's process of manufacturing fluorinated alkyl compounds[1]. In this process, only chemicals that consist of straight-carbon chains are produced (as opposed to straight or branched perfluorinated chains produced by ECF process). This is the now the major fluorotelomer manufacturing process since 3M phased out production of PFOA and PFOS in 2000.

Unlike the ECF process, telomerization is often used to make fluorotelomer alcohols (FTOHs)[1], which are characterized by the presence of a terminal ethanol group. FTOHs vary in the number of fluorinated carbons that are attached to the alcohol group. Due to the feedstock and the chemical manufacturing method, they always contain an even number of carbons. FTOHs are not used directly in commercial applications. Rather, they are used as reactive intermediates in the manufacture of other fluorosurfactants and PFC polymer products, where they are often present in residual amounts of up to 4% by weight [6].

Indirect Sources of Fluorinated Chemicals to the Environment

Fluorotelomer Alcohols

The fate of fluorinated and perfluorinated compounds is dependent on the particular chemical in question and the surrounding environment. Due to the high strength of the fluorine-carbon bond, fluorinated chemicals are typically very stable and highly resistant to biological and abiotic degradation. However, some carbon-fluorine bonds are biodegradable under aerobic conditions [7], and recent studies have demonstrated that some fluorinated chemicals can degrade in ways that partially explain patterns of PFC contamination observed in the environment.

Several studies have demonstrated that perfluorocarboxylic acids (PFCAs, which include PFOA and PFBA, perfluorobutanoic acid) and perfluoroalkanesulfonates (such as PFOS and PFBS, perfluorobutane sulfonate) are extremely persistent in surface water, soil, and ground water, and are unlikely to break down. Moody, et al. [8] reported that the PFCAs PFOA and perfluorohexanoic acid (PFHxA) as well as PFOS, were very persistent in surface water into which fire-fighting foam was spilled, and were detected in fish liver tissue over years of sampling after the spill. PFCAs were also persistent in ground water where AFFF fire-fighting foam was used for training[9]. These studies focused on surface water or ground water contamination that was attributable to an identifiable source or spill. The reasons for widespread, low-level contamination of soil, ground water, and surface water in the ambient environment, however, are not clear, because it is difficult to explain how non-volatile PFCA salts such as PFOA could be transported to areas far from a likely source of these chemicals.

FTOHs are usually precursors to the production of fluoropolymers used in paper and carpet treatments, paints, adhesives, waxes, and polishes. They are considered semi-volatile, but their environmental fate is dictated by their partitioning behavior [10]. They have a vapor pressure of 140 – 990 Pa and partition into the atmosphere, where they have been detected

at concentrations of 17 - 135 picograms m^{-3} [11]. FTOH is known to break down abiotically in the atmosphere with roughly a 20 day half-life, yielding the corresponding PFCAs such as perfluorodecanoic acid (PFDA) [2, 11]. With over 10 million pounds of FTOH produced per year, Ellis et al. [11] concluded that enough FTOH is manufactured yearly to maintain currently observed concentrations of PFCAs in the environment. The process of FTOH degrading to PFCAs may account for the estimated 0.4 tons of PFOA deposited in the arctic annually [2]. FTOHs can also undergo biological breakdown to PFCAs (e.g. PFOA), during aerobic treatment of wastewater treatment plant (WWTP) sludge via beta-oxidation. Between 1 – 10% of FTOH is converted to PFOA in this treatment process [7, 10].

The degradation of FTOHs to PFCAs is consistent with the observations made of the distribution of PFC in other studies:

- The appearance of PFDA in fish samples in Minnesota is consistent with the breakdown of 10:2 FTOH to PFDA. The longer chain PFCAs have no significant history of intentional industrial production [12], and there is no known natural source of long-chain PFCAs [11].

- DeSilva and Mabury [12] report that 98% of human blood samples from the Midwest in 2004-2005 consist of straight-chain, telomere-based PFOA, implying that only 11% of the PFOA exposure was to ECF-derived PFOA. They attributed 89% of the PFOA to fluorotelomer-based production methods.

- Recent MPCA studies show that various perfluorinated surfactants – including PFOA and PFOS – were present in the atmosphere in 2008. The presence of these compounds in the air can be explained by the photodecomposition of FTOH molecules in the atmosphere. 3M discontinued manufacture of these PFCs in 2000.

- Minnesota ground water monitoring shows PFOA, PFPeA (perfluoropentanoic acid), PFHxA, PFHpA (perfluoroheptanoic acid), and PFNA at low concentrations that are widespread under ambient conditions, with no known or likely sources of these compounds. The degradation of FTOH compounds to these corresponding PFCAs is a plausible source of these PFCA detections in the ambient environment.

Fluorinated Polymers

Fluorinated polymers are produced in far greater volumes than the fluorinated surfactants. However, very little has been published regarding the fate and behavior of fluorinated polymers in the environment [3]

Synthetic polymers in general are typically very resistant to biological or non-biological degradation. Studies on fluoroacrylate polymers indicate that these compounds have a 1200 year half-life and the biodegradation of fluoroacrylate polymers is expected to add only a very slight amount of PFCA to the global pool of PFCAs [13]. However, PAPs – polymers used extensively for oil and water-resistant coatings on food contact paper products – degrade into FTOHs and subsequently to a toxic fluorotelomer aldehyde intermediate, which, in turn, degrades to fluorotelomer carboxylic acids such as PFOA [5]. The degradation of PAPs was found to occur in the gastrointestinal tract and bloodstream of

laboratory animals. *With PAPs representing 20% of all PFCs produced for paper coatings, this represents a significant source of exposure to PFCAs like PFOA.*[5].

PAPs are typically generated from monomers of *N*-EtFOSE, which are produced through the ECF process described above. Studies conducted by 3M indicated that *N*-EtFOSE can aerobically degrade to PFOS in wastewater in 35 days. Another study found that biodegradation of *N*-EtFOSE in wastewater did not generate PFOS in wastewater [14], although it did anaerobically degrade to related compounds. This work suggested that the transformation of *N*-EtFOSE to PFOS may not occur within the typical hydraulic residence time of a WWTP, and implied that any PFOS in WWTP effluent is likely due to PFOS present in the in influent. It appears that much of the PFOS in a WWTP is removed. Shultz et al [3] estimated that 98% of PFOS was removed in WWTPs.

N-MeFOSE was typically used to manufacture fluorinated-polymer coatings for fabric and carpet. Shoeib et al [15] found that indoor air concentrations of *N*-MeFOSE and *N*-EtFOSE were roughly 10-20 times greater than outdoor concentrations. It has been suggested that these compounds can break down into PFOS directly in the atmosphere [16] thereby providing a route of human exposure to PFOS ingestion and inhalation inside the home where these products have been used. The breakdown of *N*-MeFOSE and *N*-EtFOSE to PFOS may also explain in part the presence of PFOS in remote environments, since *N*-MeFOSE and *N*-EtFOSE volatilize and can be transported through the atmosphere, eventually breaking down to PFOS [17]. However, it may also be possible for PFOS to condense onto atmospherically mobile aerosol particles that are then transported over long distances and eventually deposited in remote locations [17].

In soil, PFOS has been found to adsorb to various iron minerals, with adsorption increasing with PFOS concentration [18]. However, PFOS apparently adsorbs to soil less than hydrocarbons of similar size [18]. Other studies with PFC surfactants show that the organic carbon concentrations in the soil and PFC size are the most important factors influencing sorption to soil [19]. In addition, low pH and high Ca^{+2} in soil solution increases the adsorption of these compounds, suggesting that electrostatic interactions are important in the sorption of PFOS and other PFC surfactants to soil and sediment [19]. Microcosm studies conducted on ground-water sediment collected from the Washington County landfill [20] indicated that adsorption of PFOS and PFOA may be dependent on the oxidation/reduction status of the ground water, implying that these compounds may become more mobile in highly reduced ground water aquifers.

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Appendix C

Summary of PFC Toxicity Studies

*Please note: This is not an exhaustive list and other studies may exist that the author was not aware of at the time of printing.

Species or Type of Assay	**Compound and Exposure Concentrations** (mg/kg bw/day unless otherwise noted)	**Endpoint**	**Effect Concentration** (mg/kg bw/day unless otherwise noted)	**Reference**
Rat 90 day oral exposure	PFOS potassium salt 0, 30, 100, 300, 1000, 3000	Death Changes in organ and body weight	LC_{50} = 100 LOAEL = 30	Goldenthal et al., 1978
Rat 2 generation reproductive toxicity	PFOS potassium salt 0.1, 0.4, 1.6, 3.2 by gavage	Significant reduction pup weight gain in F1 generation	LOAEL = 0.4 NOAEL = 0.1	Christian et al., 1999
Rat 2-year dietary study	PFOS 0.06 – 0.23 (males) 0.07 – 0.21 (females)	Histopathological changes in liver	LOAEL (both sexes) = 40.08 µg/g in liver And 13.9 mg/L in serum	Covance Laboratories, Inc. 2002
Rhesus monkeys 90 day gavage	PFOS potassium salt 0, 0.5, 1.5, 4.5	100% Death Gastrointestinal toxicity	4.5 LOAEL = 0.5	Goldenthal et al., 1978
Cynomolgus monkeys 26 weeks	PFOS	Thymic atrophy (females) Reduced HDL, cholesterol, triiodo-thyronine, total bilirubin (males)	LOEL = 0.03 Corresponding to mean concentrations in female and male sera and liver of 19.8 µg/mL and 14.5 µg/g, respectively	Covance Laboratories, Inc. 2002
Fathead minnow (*Pimephales promelas*) 96 h and 42 d	PFOS lithium salt	Death	LC_{50} (96h) = 4.7 mg/L NOEC (42d) = 0.3 mg/L	OECD, 2002
Mysid shrimp (*Mysis bahia*)	PFOS lithium salt	Death	LC_{50} (96h) = 3.6 mg/L NOEC = 0.25 mg/L	OECD, 2002
Aquatic midge (*Chironomous tentans*)	PFOS	Growth and survival	NOEC (10d) = 0.0491 mg/L	Macdonald et al., 2004
Green Algae (*Pseudokirchnerilla subcapitata*)	PFOS	Cell density	IC_{50} (96h) = 48.2 mg/L NOEC = 5.3 mg/L	Boudreau et al., 2003
Mallard duck (*Anas platyrhyncos*) 21 weeks in feed	PFOS	Reduced testes size and decreased spermatogenesis	10 mg/kg diet corresponding to serum and liver concentrations of 87.3 µg/mL and 60.9 µg/g, respectively	3M, 2003

Species or Type of Assay	Compound and Exposure Concentrations (mg/kg bw/day unless otherwise noted)	Endpoint	Effect Concentration (mg/kg bw/day unless otherwise noted)	Reference
Bobwhite quail (*Colinus virginianus*) 21 weeks in feed	PFOS	Increase in liver weight (female) Increased incidence of small testes size (male) Reduced chick survivability as a percentage of eggs set	10 mg/kg diet	3M, 2003
Marine Mussel (*Mytilus californianus*)	PFNA PFDA	Inhibition of p-glycoprotein cellular efflux transporter resulting in chemosensitization	IC50 (PFNA) = 4.8 µM IC50 (PFDA) = 7.1 µM	Stevenson et al., 2006
Male Rats 14 day oral	PFDoA 1, 5, 10	Decreased absolute testes weight Increased total serum cholesterol Increased luteinizing hormone Decreased testosterone Reduced mRNA expression of genes involved in cholesterol transport and steroid synthesis	10 10 10 5 and 10 5 and 10	Shi et al., 2007
Medaka (*Oryzias latipes*)				
MCF-7 Breast Cancer Cells *In vitro*	6:2 and 8:2 FTOH	Breast cancer cell proliferation	10 µM	Maras et al., 2006
Tilapia Hepatocytes *In vitro*	PFOS PFOA 6:2 FTOH 8:2 FTOH	Estrogenicity determined by vitellogenin induction	3.1×10^{-7} M 5.1×10^{-7} M 1.1×10^{-6} M 7.5×10^{-7} M	Liu et al., 2007

Other useful toxicity studies:

3M, **2008**. *Ecotoxicity of and Derivation of Preliminary Safe Water Concentrations for Perfluorobutyric Acid (PFBA)*. Presented at North American SETAC, Tampa, Florida, 2008.

Jensen, A and H. Leffers, 2008. *Review Article: Emerging endocrine disrupters: perfluoroalkylated substances*, International Journal of Andrology, **31**, 161-169.

PFCs and Class B Firefighting Foam

Remediation • January 2009

Minnesota Pollution Control Agency

What do doughnut bags, outdoor clothing, stain-resistant carpet, non-stick frying pans, aircraft hydraulic oils, and certain firefighting foams have in common? They contain man-made chemicals called perflurochemicals (PFCs). Many kinds of PFCs have been used for several decades to make products stain resistant, water repellant, slippery, and long lasting. Without PFCs, the cooking grease would seep through our fast-food bags, our car seats and carpets would be more stained, and fighting a petroleum fire might be more difficult.

In recent years, scientists have found that PFCs may cause long-lasting environmental contamination, including uptake into humans' bodies. Of particular concern is the possibility that PFCs in Class B firefighting foam may be able to travel from a fire training area to a city's municipal or private wells. Sampling will be done in 2009 to investigate that possibility.

PFC Background

The Minnesota- based 3M Company in Cottage Grove developed PFCs in the late 1940's. PFCs have properties that make them great surfactants. Their chemical structure makes them extremely resistant to change or breakdown. Once released to the environment, they remain there for a very long time. They also travel long distances through soil and into the ground water in a relatively short time. As a result, PFCs have been found in soil, sediments, water, wildlife and humans throughout the world. The way PFCs have become so widespread is not well understood.

Because of the unexpected worldwide spread of PFCs, 3M discontinued manufacture of products containing PFOS and PFOA (two of the PFC chemicals) in 2002. 3M's Class B firefighting foam was included. PFC chemicals continue to be produced by other methods and in different forms by 3M and other companies across the world. Some of these products may travel through air and breakdown to problematic PFCs.

Wastes from 3M's manufacturing processes were placed at several disposal sites in Washington County. PFCs have been found in the ground water in areas of Washington and Dakota Counties, and in surface water and wastewater effluent in other parts of the state. PFCs have also been found in some fish in the greater metropolitan area. Filters containing activated carbon or reverse osmosis units are now filtering PFCs from wells with PFC levels that exceed the Minnesota Department of Health's (MDH) health-based exposure limits. Fish consumption advisories have been issued for some lakes.

Health Concerns

The potential health significance of PFCs in drinking water is under study at both the state and federal levels. Much of this research consists of toxicological studies in laboratory animals. At high concentrations, two types of PFCs, perfluorooctane sulfonic acid (PFOA) and perfluorooctonate sulfonate (PFOS), have been shown to cause harmful changes in the liver and developmental problems (e.g., delays in growth and maturation) in the offspring of rats and mice exposed during pregnancy. A limited number of other PFC chemicals are also being studied.

There are few studies of health effects in people. As part of its worker health and safety program, 3M routinely monitored the health of its workers. No significant or consistent health effects have been identified in these workers. Three studies of newborn babies and PFC levels in the mother's blood found a very small decrease in birth weight or other measures of growth with increasing PFC levels in the mother. A large health study of 70,000 people exposed to the type of PFC called PFOA in drinking water in Ohio and West Virginia is currently underway but it will be some time before results are available. In general, the

studies in people have shown that the levels of PFCs in the environment may be linked to changes in the body, but the studies have not shown specific illness in people.

Firefighting Foam

There are many kinds of firefighting foam. The use of foam has saved many lives and prevented huge property losses. Many manufacturers have made firefighting foams, but the exact content of those foams is often not disclosed.

Class A foam has come into widespread use in recent years for wildfire, structure and other fires. A detergent-like "surfactant" in the Class A foam makes the firefighting water "wetter" and more able to penetrate combustible material. **Class A foams typically do not contain PFC chemicals.**

PFCs and Class B foam training near wells

In the early 1960's, 3M and the U.S. Navy developed Class B "aqueous film forming foam" (AFFF) type foams. Class B foams are used on flammable petroleum fires and spills. Some or most Class B foams have had PFCs as part of their formulation, in particular PFOS.

Some foam manufacturers have changed processes and materials to eliminate or minimize PFC content in foam. However many foam manufacturers may not know or reveal PFC content of current or past formulations.

As part of the overall investigation of PFCs in Minnesota, the Minnesota Pollution Control Agency (MPCA) and MDH have started looking at the pattern of firefighting foam training.

Most Minnesota cities use ground water as a drinking water source. Many municipal wells are near a fire station or fire training locations. There is a possibility that fire training sites where Class B foams were repeatedly used may have allowed PFCs to enter municipal or private drinking water wells.

In 2008 an MPCA contractor, Delta Environmental, surveyed Minnesota's fire service on past foam use – two-thirds of fire departments provided information. Many departments have used and trained with Class B foam. The foam was usually used in small amounts; however, it may only take a small amount of chemical to affect ground water. MDH has taken the survey data and compared it to municipal well locations and characteristics. Most cities that use wells have wellhead protection plans that map the areas where spills and pollution may reach a well. Fire chiefs should become familiar with these plans. Cities with wells that are vulnerable because of their shallow depth or coarse soils or their proximity to foam training locations have been identified. MDH will be sampling wells in many of those cities in spring of 2009. If PFCs are found, MDH will notify the water utility.

MPCA will be sampling soil near 25 or so Class B foam training sites in the spring of 2009 to see if PFCs remain in the soil and ground water. Fire chiefs will be notified before sampling to request site access and permission. Results will be provided back to the cities.

Next Steps

Results from the first round of sampling are expected in summer 2009. In the meantime, the State Chiefs' Association and the State Fire Marshal will be asked to help suggest guidance to Minnesota's fire service on Class B foam. Likely, that guidance will include:

- using Class B foam on flammable liquids like gasoline, but not routinely using on other combustible liquids such as diesel or fuel oil
- using non-PFC training foams or detergents during training
- investigating PFC content of the currently sold Class B foams

Additional information about PFCs is available on the MPCA and MDH web pages at:
www.pca.state.mn.us/cleanup/pfc/index.html or
www.health.state.mn.us/divs/eh/hazardous/topics/pfcs/index.html.

Contact Information

If you need help or have a question, your MPCA contact can be reached at 651-296-6300 or 800-657-3864.

PFC technical information and MPCA's sampling:
Nile Fellows, nile.fellows@pca.state.mn.us
Doug Wetzstein, doug.wetzstein@pca.stat.mn.us

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PERFLUOROCARBON (PFC)-CONTAINING FIREFIGHTING FOAMS AND THEIR USE IN MINNESOTA

DELTA PROJECT NO. 19382DEL08

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PERFLUOROCARBONS IN FIREFIGHTING FOAM
AND THEIR USE IN MINNESOTA

1.0 INTRODUCTION

1.1 Purpose

Delta Consultants (Delta) has worked under contract with the Minnesota Pollution Control Agency (MPCA) investigating perfluorochemicals in Class B firefighting foams and their use in Minnesota. Previous information regarding this investigation was presented in the following reports:

- Perfluorocarbon (PFC)-Containing Firefighting Foams and Their Use In Firefighting Training in Minnesota, dated June 30, 2008 (the June 2008 Report); and,
- Addendum to PFC-Containing Firefighting Foams and Their Use In Firefighting Training in Minnesota, dated October 22, 2008 (the October 2008 Addendum Report);
- Firefighting Training Area Site Reconnaissance, Pine Bend Flint Hills Refinery, Marathon Refinery, Burnsville Fire Training Center, and Site Access for 21 Fire Departments, dated April 3, 2009 (the April 2009 Report);
- Report of Site Reconnaissance and Sampling at Select Firefighting Foam Training Areas in Minnesota, dated June 30, 2009 (the June 2009 Report); and,
- Report of Investigation Activities at Select Firefighting Foam Training Areas and Foam Discharge Sites in Minnesota, dated February 10, 2010 (the February 2010 Report).

This report condenses the previous reports and includes PFC sampling conducted by others at the following fire foam training and fire sites:

- Duluth Air National Guard Base at the Duluth International Airport;
- Western Area Fire Training Academy (WAFTA) in St. Bonifacius;
- Up North Plastics in Cottage Grove; and,
- Kings Cover Marina in Hastings.

1.2 Background

As a part of an overall investigation of PFCs in Minnesota, the MPCA and Minnesota Department of Health (MDH) started looking at firefighting foams as a possible source of PFCs in the environment. In 2008 PFCs were researched as a constituent of firefighting foams. Municipal fire departments, fire departments at major oil refineries and airports, and fire training schools in the State were surveyed regarding their use of Class B firefighting foams. Additionally, various persons in the State with fire fighting knowledge and experience were interviewed. A survey questionnaire mailed out to the fire departments concentrated on the use of firefighting foams in training based on the assumption that training areas where firefighting foams were discharged repeatedly at the same location would be at greater risk for the introduction of PFCs into the environment via the breakdown of the foam. The firefighting training sites were then ranked for their potential

to release PFCs to sensitive environments based on a number of criteria: the types and amounts of foam used in training, the frequency of the training events, the environmental setting of the firefighting training site, and the presence of nearby water supply wells. The results of the research, survey and training site ranking were presented in the June 2008 and October 2008 Addendum Reports. Both reports are available on the MPCA website at www.pca.state.mn.us/cleanup/pfc/index.html. A brief summary of the research and survey findings are presented in Sections 6.0 and 7.0 of this report.

Based on the site ranking, twenty-one firefighting training sites were chosen for further investigation. The additional investigation included site reconnaissance, sampling of the groundwater and/or soil, and/or additional interviews. Information and data collected at these "priority" sites were documented in the April 2009, June 2009 and February 2010 Reports. These reports are also available on the MPCA website.

During the course of the PFC-Firefighting Foam investigation it was decided that the locations of several fires where large quantities of PFC-containing foams were utilized would also be investigated for the possible release of PFCs to the environment. Information and data collected at the River Grove Marina in Inver Grove Heights, and the Kandiyohi County Landfill in New London, were included in the above-referenced reports. Reports of PFC sampling related to firefighting foam conducted by the MPCA and other consultants at the Duluth Air National Guard Base in Duluth, the WAFTA site in St. Bonifacius, the Up North Plastics facility in Cottage Grove, and the Kings Cove Marina in Hastings, are available at the MPCA. The investigation activities and results for all of these sites are discussed in Sections 6.0 and 7.0 of this report.

2.0 PFCs in FIREFIGHTING FOAM

Perflourocarbons or perfluorochemicals (PFCs) are a class of man-made chemicals derived from hydrocarbons, where the hydrogen atoms have been replaced by fluorine atoms. PFCs are characterized by chains of carbon atoms of varying lengths to which fluorine atoms are strongly bonded, making PFCs durable and hard to break down (1). PFCs have been used since the 1950s to produce industrial and consumer products that are heat and stain resistant, water repellant, and film-forming (2). PFCs have been used in a variety of products including stain-resistant fabrics and carpet, coatings for food packaging, non-stick cookware, and firefighting foams (2)(3)(4).

2.1 Chemistry of PFCs

The PFC class of chemicals includes three groups of PFCs pertinent to the discussion of PFCs in firefighting foam: perfluorocarboxylates, perfluorinated sulfonates, and fluorotelomer sulfonates (5).

Perfluorocarboxylates are fully fluorinated carbon molecules with a carboxylate group on the end of the chain. Perfluorinated sulfonates are fully fluorinated carbon molecules with a sulfonate group on the end of the chain. Fluorotelomer sulfonates are partially fluorinated molecules. Examples of the PFC chemicals within each group are described in Table A, below.

TABLE A - PFC CHEMICALS

Chemical Group	Chemical Acronym	Chemical Name	CAS Registry No.	No. of Fluorinated Carbon Chains
Perfluorinated carboxylic acids	PFBA	perfluorobutanoic acid	375-22-4	4
	PFPeA	perfluoro-n-pentanoic acid	2706-90-3	5
	PFHxA	perfluorohexanoic acid	307-24-4	6
	PFHpA	perfluoroheptanoic acid	375-85-9	7
	PFOA	perfluorooctanoic acid	335-67-1	8
	PFNA	perfluorononanoic acid	375-95-1	9
	PFDA	perfluorodecanoic acid	335-76-2	10
	PFUnA	perfluoroundecanoic acid	2058-94-8	11
	PFDoA	perfluorododecanoic acid	307-55-1	12
	PFTA	perfluorotridecanoic acid	not determined	not determined
Perfluorinated sulfonates	PFBS	perfluorobutane sulfonate	29420-49-3	4
	PFHxS	perfluorohexane sulfonate	355-46-4	6
	PFOS	perfluorooctane sulfonate	1763-23-1	8
Fluorotelomer sulfonates	6:2 FtS	1-octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, ammonium salt	--	6
	8:2 FtS	--	--	8

PFCs are made using one of two methods: the Simons electro-chemical fluorination (ECF) developed by 3M; or, a telomerization process (6).

2.1.1 ECF Process

The ECF process used by 3M generates fully fluorinated compounds in branched- and straight-chains with both even and odd numbers of perfluorocarbons (6)(7). The chemical of interest in the ECF process is perfluorooctanesulfonyl fluoride (POSF), $C_8F_{17}SO_2F$. The final degradation product of POSF and its derived products include perfluorinated sulfonates and perfluorinated carboxylic acids (8). While perfluorinated carboxyl acids are associated with both the ECF process and the telomerization process (see Section 2.1.2), perfluorinated sulfonates only result from the ECF process (9).

2.1.2 Telomerization Process

The telomerization process creates fluorinated telomers that are different from ECF-made fluorinated molecules in that they only have an even number of fluorinated carbon atoms and the molecule is predominantly straight-chained (6)(7). In addition, the fluorotelomerization process inserts an ethyl group between the fluoroalkyl chain and the functional group on the end, which differentiates the atom from an ECF-process fluorinated molecule. Fluorotelomer sulfonates are made using a telomerization process, and perfluorinated carboxylic acids may be present in the final product as a result of unreacted or partially reacted starting materials or intermediate (10).

2.2 PFCs in Firefighting Foam

There are several classes of fires, depending on the material that is burning. Class B fires involve the burning of flammable liquids such as gasoline, fuel oil, cleaning fluids and solvents. Aqueous film-forming foam (AFFF) was developed in the 1960s for use on Class B fires. AFFF has a fluorochemical-based surfactant that rapidly forms a film across the fire surface, which prevents the release of flammable fuel vapors and excludes oxygen from the fuel surface (11).

3M was the original manufacturer of fluorochemical-based AFFF in the 1960s, using the ECF process. As indicated in Section 2.1.1, PFCs made using the ECF process can contain or degrade to perfluorinated sulfonates and perfluorinated carboxylic acids. As part of 3M's voluntary production phase out of PFOS chemicals, they stopped manufacturing PFOS-based AFFF in 2002.

DuPont, Ansul, Chemguard and other firefighting foam manufacturers use telomer-based fluorochemical surfactants in their AFFF. The telomer-based foams are not made with, and do not break down to, PFOS. According to the Fire Fighting Foam Coalition (www.fffc.org), telomer-based firefighting foams contain predominantly (75 to 80%) six-chain carbon fluorosurfactants (6:2 FtS), with varying percentages of eight-chain or higher homologues (8:2 FtS). While telomer-based surfactants are not made with PFOA, low levels of PFOA may be present as a byproduct (13).

Class B AFFF is typically purchased in five-gallon buckets. These foam concentrates are mixed into the water using an in-line eductor or other proportioning/mixing device. The foam concentrate/water solution can then be fed through one of two types of discharge devices, either a nozzle-aspirated foam system (NAFS) or a compressed air foam system (CAFS). Both systems produce a finished foam that is a combination of water, air and foam concentrate. Class B AFFF concentrates may or may not have expiration dates included on the product container, but foam manufacturers Chemguard and Ansul indicate that Class B foam should have a shelf life of 20 to 25 years if stored properly.

Class A firefighting foams, used to extinguish wood and grass fires, are detergent-based foams with a hydrocarbon-based surfactant, not a fluorochemical-based surfactant (14). Class A foams are not known to contain PFCs and are not considered a source of PFCs.

Training foams are similar to Class A and Class B foams but are made specifically for fire training exercises and do not contain chemical components for firefighting performance. Training foams are available from most manufacturers and are generally less expensive because they do not contain (costly) fluorinated surfactant components. Training foams are not made with PFCs.

2.3 The USEPA and PFOA and PFOS

In 1999 the U.S. Environmental Protection Agency (USEPA) began an investigation into PFOS after receiving data from 3M that PFOS was persistent, bioaccumulative and unexpectedly toxic (15). Ultimately 3M ceased production of PFOS-based chemistry in 2002, including the production of PFOS-based firefighting foams.. 3M also identified PFOA in human blood as part of their PFOS studies (15), and in June 2000 the USEPA expanded their investigation to include other PFCs, including PFOA.

In 2002 and 2007 the USEPA published significant new use rules (SNURs) under the Toxic Substances Control Act (TSCA) to limit the manufacture or import of perfluoroalkyl sulfonate chemicals, including PFOS and PFHxS. According to the initial 2002 SNUR, 3M was the only manufacturer in the U.S. of PFOS-based chemicals included in the SNUR.

In January 2006, USEPA and eight major PFC manufacturing companies (3M/Dyneon, Arkema, Inc., AGC Chemicals/Asahi Glass, Ciba Specialty Chemicals, Clariant Corporation, Daikin, E.I. duPont de Nemours and Company, and Solvay Solex) created the 2010/15 PFOA Stewardship Program. The companies committed to reduce facility emissions and product content of PFOA, PFOA precursor chemical, or PFOA-related homologues by 95 percent by 2010, and to work toward eliminating emissions and product content by 2015. As part of the program the companies submit annual reports on their progress toward reaching the goals. Information regarding the 2010/15 PFOA Stewardship Program is available at www.regulations.gov in docket EPA-HQ-OPPT-2006-0621.

Members of the Fire Fighting Foam Coalition that make telomer-based AFFF agents are in position to meet the goals of the PFOA Stewardship Program before 2015 by using C6-based fluorosurfactants that provide the same fire protection characteristics as C8-based foams. Incorporating these new fluorosurfactants in AFFF will require some reformulation and perhaps re-approval of most Class B foams between 2010 and 2015 (16).

3.0 USE OF FIREFIGHTING FOAMS IN MINNESOTA

In order to gain an understanding of the organizations in Minnesota that utilize firefighting foam, the types and quantities of firefighting foam being used, and the locations where the foams are being used in training exercises, the websites of firefighting organizations were reviewed, individuals commonly known to be involved in or associated with firefighting in Minnesota were interviewed, and the users of firefighting foams in Minnesota were surveyed regarding their foam use.

3.1 Interviews with Minnesota Firefighting Organizations

Several individuals commonly known to be involved in or associated with firefighting in Minnesota were interviewed regarding the use of firefighting foams in Minnesota. The interviews were presented in the June 2008 Report. Key findings of these interviews are as follows: the two oil refineries in Minnesota—the Marathon Oil refinery in St. Paul Park and the Flint Hills Resources Pine Bend refinery in Rosemount—have their own dedicated fire departments; that the Minnesota Department of Natural Resources (MDNR) trains firefighters at the Minnesota Interagency Fire Center in Grand Rapids using training foam; the Minnesota State Colleges and Universities (MNSCU) system has sixteen schools with firefighting training programs, and they switched from the use of AFFF to soap-based foams for training in approximately 2004; and that generally AFFF is not used for training exercises because its too expensive.

3.2 Survey Mailing to Minnesota Firefighting Organizations

Questionnaires regarding the use of firefighting foam were mailed to 785 fire departments in Minnesota in April and May 2008. The questionnaire surveyed the departments on current and historical types and amounts of firefighting foam used in firefighting and fire training, the locations of the fire training areas, and the fate of the spent training foam. In addition to municipal fire departments, questionnaires were mailed to the following potential firefighting foam users in Minnesota:

- All of the airports with dedicated fire departments: Minneapolis-St. Paul International Airport (MSP); Rochester International Airport; and, the Duluth International Airport.
- The following 16 colleges with firefighter training programs: Itasca Community College in Grand Rapids; Alexandria Technical College; St. Cloud Technical College; Minnesota West Community College in Marshall; Ridgewater College in Willmar; South Central College in North Mankato; Riverland Community College in Austin; Pine Technical College in Pine City; Hennepin Technical Colleges in Plymouth and Eden Prairie; Northland Community Colleges in Thief River Falls and East Grand Forks; Central Lakes College in Brainerd; Minnesota State Community College in Moorhead; Mesabi Range Community College in Virginia; and, Lake Superior Technical College in Duluth. Southwest State University in Marshall, Minnesota indicated that they do not offer a firefighting training program and that their program is only a business administration program for fire chiefs and captains.
- 2 petroleum refineries; and,
- Camp Ripley in Little Falls.

Completed questionnaire surveys were presented in the June 2008 Report and October 2008 Addendum Report.

3.3 Survey Results

Results of the completed surveys received from the municipal fire departments, airports, firefighting training schools, refineries, and Camp Ripley are presented in Sections 3.3.1 through 3.3.5.

3.3.1 Survey Results - Municipal Fire Departments

A total of 522 completed questionnaires were received from the 785 municipal fire departments that were surveyed, a response rate of 66%. Copies of the completed questionnaires were included in the June 2008 Report and October 2008 Addendum Report. The following general findings and statistics were ascertained from the questionnaires:

- Fifty-two (or 10%) of the responding municipal fire departments do not use firefighting foam at all.
- Of the responding municipal fire departments that utilize firefighting foam, 243 (or 52%) use only Class A foams.
- Of the remaining 227 responding municipal fire departments that utilize Class B firefighting foams, approximately 50% do not train with Class B foam but only use Class B foam for fire response.
- Of the municipal fire departments that train with Class B foam, 28% of the departments train at multiple or different locations for every training session, or at live burns only. Thus there is not one specific training location.
- The remaining municipal fire departments that train with Class B foam repeatedly at the same location were ranked based on the potential for PFCs to enter sensitive environments. The ranking criteria are discussed in Section 5.0.

3.3.2 Survey Results – Airports

Of the seven airports operated by the Metropolitan Airports Commission, (Crystal, Lake Elmo, Flying Cloud, Anoka County-Blaine, St. Paul, Lakeville and Minneapolis-St. Paul International (MSP), only MSP has its own fire department. Other MAC airports are served by the municipal fire departments in which they are located. Currently the MSP fire department trains with foam at the Lake Superior College Emergency Response Training Center (ERTC) in Duluth. Prior to 2001 training with 3M-brand Class B foam was conducted at two different locations on the northwest portion of the airport.

The Rochester Airport Fire Department also trains with foam at the ERTC facility in Duluth. However, the Federal Aviation Administration (FAA) requires annual testing of fire equipment. The foam equipment tests require a short burst of foam to show that the fire trucks are functioning properly. Less than 5 gallons of Chemguard-brand Class B foam is used annually for equipment testing.

The City of St. Cloud Fire Department is responsible for fire response at the St. Cloud Airport. The St. Cloud Fire Department trains with Chemguard-brand Class B foam at two locations, including the fire station near the airport.

The 148th Fighter Wing of the Minnesota Air National Guard is responsible for fire and emergency services at the Duluth International Airport. The unit no longer trains at the airport with firefighting foam. The MPCA is investigating two former fire training areas at the Duluth Airport for PFCs.

3.3.3 Survey Results - Firefighting Training Schools

Survey questionnaires were returned by all sixteen MNSCU firefighting training schools. Only two of the schools hold training exercises on campus with Class B foam: Lake Superior College in Duluth; and, Northland College in East Grand Forks.

3.3.4 Survey Results - Petroleum Refineries

Both the Marathon Refinery in St. Paul Park and the Flint Hills Resources Pine Bend Refinery in Rosemount have their own in-house fire departments, and both refineries have on-site fire fighting training facilities where spent Class B foam is collected and routed through their in-house wastewater treatment plants. The fire department at the Marathon Refinery uses approximately 50 to 100 gallons of Ansul-brand ThunderStorm Class B foam per semi-annual training event; prior to 2000 they used 3M-brand foam. Other municipal departments train at the Marathon Refinery fire training area, using foam provided by the Marathon Refinery fire department. Fire foam training at the Pine Bend Refinery in Rosemount takes place approximately 20 to 25 times during the training season from April through November, and approximately 5 to 10 gallons of Ansul –brand ThunderStorm Class B foam is used per training event. The Pine Pend Refinery fire department used 3M-brand Class B foam historically, and has a stockpile of approximately 50,000 gallons of 3M-brand foam on hand. Other area municipal departments train at the refinery training grounds with foam provided by the refinery.

The former Conoco-Phillips oil refinery in Wrenshall, Minnesota ceased operation in the early 1980s. The City of Wrenshall Volunteer Fire Department indicated that the refinery had their own fire fighting equipment, but that the Wrenshall Fire Department responded to any fire calls. The department trained at the Wrenshall refinery with Class B foam when it was in operation.

3.3.5 Survey Results - Camp Ripley

The Fire and Emergency Services Coordinator for Camp Ripley indicated that his position at Camp Ripley had been created in approximately 2007, and he was not familiar with historical firefighting practices at Camp Ripley. No firefighting training with foam is currently being conducted at Camp Ripley.

4.0 RANKING OF FIREFIGHTING FOAM TRAINING SITES

The training sites where Class B firefighting foam is or was used on more than one occasion were ranked in order to identify those with the highest potential to release PFCs to sensitive environments. The sites were ranked according to the criteria listed in Section 4.1. A relative numerical score was assigned for each criterion that was meant to reflect the relative importance of each parameter with respect to its potential to release PFCs to the environment, and the sensitivity of the environmental receptors.

4.1 Ranking Criteria

The criteria are listed below in brief; a more detailed description of the ranking criteria were presented in the June 2008 Report. The following criteria were considered in ranking training sites on their potential to release PFCs to sensitive environments:

1) Brand of foam used for training. Due to the known content of PFOS and PFOA in firefighting foams manufactured by 3M, training sites where 3M foams were currently or formerly used in training were ranked higher.
2) Amount of foam used in training.
3) Proximity to nearby surface waters.
4) Proximity to nearby wetlands.
5) Proximity to karst geological areas.
6) Proximity to wellhead protection areas (WPA) and/or source water assessment areas (SWAA).
7) The presence of water supply wells nearby.

Since spent training foam are released to the ground or go to a storm sewer at most training sites, the final destination of the spent foam was not considered as a ranking criteria.

4.2 Ranking Results

A total of 80 municipal fire departments' training sites, 3 airport fire departments, 2 firefighting training schools, and 3 petroleum refineries were ranked. Rankings for the municipal fire departments are presented in **Table 1, *Class B Foam Use Ranking Summary, Minnesota Municipal Fire Departments***, and rankings for the training schools, airports, and refineries are presented in **Table 2, *Class B Foam Use Ranking Summary, Minnesota Airport and Refinery Fire Departments and Training Schools***. Individual profiles for each of the ranked sites were included in the June 2008 Report and October 2008 Addendum Report.

Total scores assigned to the firefighting foam training sites ranged from 7 to 33. The highest scores were assigned to sites generally located in a wellhead protection or source water protection area and/or a karst

area, had water supply wells located within ¼-mile, a wetland and/or surface water body located within ¼-mile of the training site, and 3M foams are or were used for training. A total of 21 sites were considered for follow-up investigations, as listed below:

- *Minneapolis/St. Paul International Airport former training areas*: MSP Airport is located in a WPA and an active karst area, with up to 40 gallons of foam used annually for training. From 1983 through 2001, fire foam training with 3M-brand Class B foam was conducted east of Cargo Road near the present location of the glycol management facility. Foam training prior to 1983 took place at an area located northeast of the current FedEx facility. Both the pre- and post-1983 former fire foam training areas were re-worked and excavated to some extent during construction associated with the addition of a new airport runway in 2001. Storm water from this area of the airport drains to a holding pond near the southwest corner of the MSP Airport.
- *Marathon Refinery, St. Paul Park:* Marathon Refinery is located in an active karst area near the Mississippi River, with approximately 250 gallons of Ansul-brand foam used annually for training. The Marathon Refinery historically used 3M-brand Class B foams through approximately 2000. Fire foam training is conducted at fire training grounds located near the southwest corner of the refinery. Spent foam and water is routed to an on-site waste water treatment plant.
- *Flint Hills Pine Bend Refinery, Rosemount:* Pine Bend refinery is located in a transition karst area, with approximately 300 gallons of Ansul-brand foam used annually for training. Foams manufactured by 3M were historically used in training. Fire foam training is conducted at fire training grounds near the southwest corner of the refinery. Spent foam is collected into a lined holding area from which it is pumped out and disposed through an on-site waste water treatment plant.
- *Kenyon Fire Department foam training area:* Bi-annual training with 3M-brand foam is conducted on Slee Street, between Cross and Pine Streets at the east end of town. The training area is located in a SWAA and an active karst area.
- *Claremont Fire Department training and foam demonstration areas:* Annual to bi-annual training with 3M-brand foam is conducted on a paved surface in front of the fire station on Front Street, where spent foam and water drain to a storm sewer. In the fall of 2008 a fire foam demonstration was held behind the station. The fire station is located in a SWAA and a transition karst area.
- *Harmony Fire Department foam training areas:* Foam training has occurred at two locations: historically in front of the fire station on Main Avenue South, and more recently at the municipal tree/brush dump south of the fire station. Foam training with Ansul-brand foam takes place annually or less. Both areas are located in a SWAA and an active karst area.
- *Bemidji Fire Department foam training site:* Annual training is conducted with five gallons or less 3M-brand foam at the Bemidji Regional Airport. The airport is located in a WPA with surface waters and wetlands adjacent to the airport and shallow municipal wells located nearby.
- *Fridley Fire Department training site:* Historically, training with 3M-brand firefighting foam took place at the North Metro Fire Training Center on 71st Avenue in Fridley. A training structure was built in 1994/1995 over a burn pit that had been used for foam training. The training center is located in a WPA and a transition or covered karst area.
- *Burnsville Fire Department training site:* The Burnsville Fire Department has trained three times with Ansul-brand foam at the ABLE Fire Training Center since it was built in 1989, and the last training exercise was in 2004. The fire training center is located at the southeast corner of the intersection of Cliff Road and River Ridge Boulevard in Burnsville. The training center is located in a WPA and appears to be situated in an active karst area. Municipal wells are located nearby.
- *Goodview Fire Department training area:* Occasional training (approximately six times in the last twenty years) is conducted on a paved area in front of the fire station located at 4140 W. 5th Street. Spent foam and water drain to a storm sewer which discharges into the backwaters of the

Mississippi River. The fire station and the discharge area are located in a WPA and an active karst area.

- *North St. Paul Fire Department training site:* Semi-annual training with 3M-brand foam takes place at the North St. Paul Public Works facility on 1st Street North. The site is located in a WPA and covered karst area.
- *Richfield Fire Department:* The Richfield Fire Department historically trained occasionally with 3M foam behind the Richfield Ice Arena, located at 636 East 66th Street. The ice arena is located in a WPA and covered karst area, with municipal wells nearby. Surface runoff from the training area would drain to nearby Legion Lake.
- *Rochester Fire Department:* Historically, annual training with 3M-brand foam took place in a parking lot near the northwest corner of the Olmsted County Fairgrounds in Rochester. The site is located in a WPA and active karst area.
- *Luverne Fire Department:* A one-time fire foam demonstration took place in approximately 2005 at the Luverne municipal tree/brush dump. A burn pan was used, and the soils around the burn pan were cleaned up with a payloader afterwards. The site is located in a WPA, and a shallow municipal water supply well located nearby.
- *Lake Superior College Emergency Response Training Center (ERTC):* The potential exists for historical use of 3M or other brand foams at the ERTC from approximately 1994 through 1996. Training foam has been used at the facility since 1996. An on-site wetland is located adjacent to the foam training area, and the St. Louis River nearby. This site was selected for sampling after inquiries received by the MPCA regarding this facility.

Although originally identified as priority sites, additional information collected during follow-up activities that clarified foam use precluded the following sites from sampling: Pierz Fire Department; Cottage Grove Fire Department; Alexandria Fire Department; Myrtle Fire Department; Preston Fire Department; two training sites used by the Brooklyn Center Fire Department; and South Central College in Mankato. Since the MPCA conducted a PFC investigation at the former fire training area at the Duluth International Airport, no further investigation was conducted for this project. Additional inquiries regarding the fire training areas utilized by the Maynard and Hutchinson Fire Departments found that the Maynard Fire Department only uses Class A foam, and the Hutchinson Fire Department did not train with Class B foam at the former training location on the Crow River.

4.3 Additional Foam Discharge Sites

During the course of the PFC/Firefighting Foam project, additional incidents of firefighting foam discharge were brought to the attention of the MPCA. Further investigation was made into foam use at the following sites:

- *Kings Cove Marina, Hastings[(a)]:* In October 2002 a fire at the Kings Cove Marina destroyed several boats which were dry-docked at the west end of the marina. Several fire departments responded to the fire with various brands of Class B foam, apparently including approximately 305 gallons of 3M foam. This firefighting event may have released firefighting foam directly to the Mississippi River. Fish tissue sampling by the MPCA has identified PFCs in fish collected from the Mississippi River in the Hastings area.
- *River Grove Marina, Inver Grove Heights:* A fire occurred on a docked boat at the River Grove Marina on September 26, 2009. The Inver Grove Fire Department responded to the fire with, in

part, Ansul-brand Class B foam, which was discharged onto the burning boat and docks on the Mississippi River.

- *Kandiyohi County Landfill, New London:* A fire occurred at the Kandiyohi County Landfill over several days at the end of October 2009. Several fire departments responded to the fire, and approximately 545 gallons of 3M Class B foam was used on the fire.
- *Crystal Airport:* The Brooklyn Center Fire Chief related that several fire departments responded to a large hangar fire at the Crystal Airport in 2006. Interviews with responding departments found that Class B foam was not used at the hangar fire, but had been used at several plane crash sites at the airport.
- *Up North Plastics, Cottage Grove*[(a)]*:* A fire occurred at the business of Up North Plastics in December 2002. Its been estimated that upwards of 4,000 gallons of foam were used to extinguish the fire. Spent foam migrated into ditches and wetlands north of the facility, and to a storm sewer outlet south of the facility across Jamaica Road. Up North Plastics property is located within an area being investigated to identify sources of PFCs found in private wells in the Langdon and River Acres neighborhoods of Cottage Grove.
- *Western Area Fire Training Academy (WAFTA), St. Bonifacius*[(a)]*:* The WAFTA training facility was operated from 1974 through 1990, at the site of a former Nike Missile launch facility. The site was being investigated by the MPCA for other contaminants when, in May 2006, fourteen monitoring wells were sampled for PFCs. PFCs were detected in several of the wells.
- *Duluth International Airport*[(a)]*:* The Duluth Air National Guard Base and the Duluth Air Force Base both historically used two fire training areas located on the northeast side of the Duluth International Airport for Class B foam training.

(a) Further investigation and subsequent sampling at these sites was conducted by consultants other than Delta on behalf of the MPCA. Since firefighting foams were discharged at these sites, they are being included in this report.

5.0 SITE RECONNAISSANCE AND SAMPLE COLLECTION

Generally, the same or similar procedures were followed for site reconnaissance and sampling at the municipal fire department foam training areas. These procedures were presented in previous reports that detail specific site investigations. The sites where sampling was not conducted by Delta, or were not included in previous reports, are discussed in sections 5.1 through 5.5.

5.1 Sample Collection at the Kandiyohi County Landfill

Groundwater samples were collected for PFC analysis from two existing wells at the Kandiyohi County Landfill. Monitoring well DMW-1A is located upgradient of the C&D portion of the landfill where the fire occurred, and DMW-3 is located approximately 300 to 350 feet away in a roughly downgradient direction. The wells at Kandiyohi County Landfill were sampled on two occasions, in January and May 2010. Soil borings were not advanced at the landfill and soil samples were not collected.

5.2 Sample Collection at WAFTA

Groundwater samples were collected for PFC analysis from fourteen existing wells at the WAFTA site. The groundwater sampling was conducted in May 2006 by ENSR Corporation and is summarized in their report, *Phase II Site Investigation at Former Nike Missile Base MSP-70/Western Area Fire Training Academy,* dated October 2006. Monitoring well MW-4 was situated within the former fire training area, and the other wells were located side-gradient and downgradient of the training area. Monitoring well BG-4 was situated furthest downgradient of the training area, near the southeast corner of the WAFTA site. Soil samples were not collected for PFC analysis at WAFTA. The MPCA followed-up in 2008 and 2009 with sampling of nearby residential water wells for PFCs.

5.3 Sample Collection at the Kings Cove Marinas

At site of the fire at Kings Cove Marina in Hastings, two surface water and two sediment samples were collected from the adjacent Mississippi River where spent foam accumulated. One surficial soil sample was collected where foam was discharged on land. Sampling at Kings Cove Marina was conducted by West Central Environmental Consultants (WCEC). A data report detailing the sampling at Kings Cove Marina was submitted to the MPCA by WCEC on March 8, 2010.

5.4 Sample Collection at Duluth International Airport

Six soil borings were advanced within two former fire foam training areas at the Duluth International Airport for the purpose of collecting groundwater samples only. The sampling was conducted in October 2007 by BB&E, LLC, as presented in their *Groundwater Sampling Report, Duluth Air National Guard Base* dated December 19, 2007. Soil samples were not collected for PFC analysis at the fire training areas. The MPCA is following up with sampling of residential water wells in the area for PFCs.

5.5 Sample Collection at Up North Plastics

Five surficial soil samples were collected from the storm water ditch to which spent foam and water from the Up North Plastics fire reportedly drained. Four sediment and two surface water samples were also collected from a pond at the end of the storm water ditch. Groundwater samples were collected from three irrigation wells which are located at distances up to 1.5 miles away from the Up North Plastics facility. Sampling associated with the Up North Plastics fire was conducted by WCEC in July 2009. WCEC submitted a data report dated September 22, 2009, to the MPCA detailing this sampling.

6.0 SAMPLING RESULTS

Soil and sampling results are summarized in **Table 4, *Soil and Sediment Analytical Results, PFCs***. Groundwater and surface water sampling results are summarized in **Table 5, *Groundwater and Surface Water Analytical Results, PFCs***. The amount of foam used in training or at a fire response, and the foam

brands and the last known approximate date of training or date of foam discharge at a fire, are included on the tables.

Samples were submitted to either Axys Analytical Services LTD (Axys) or MPI Research for analysis of PFCs. Duplicate samples were collected at select sites and submitted to both laboratories for comparison purposes. Samples collected at the WAFTA site were analyzed by the MDH and by Exygen Research, which later became Axys. The laboratories used for analysis are noted in Tables 4 and 5.

According to research, one important factor for the transport of anionic perfluorinated surfactants in soil is the organic content of the soil; soil partition coefficients were found to be linearly related to organic carbon content, and sorption of the anionic perfluorinated surfactants to soil particles increased with increasing perfluorinated chain length (17). Therefore, soil samples collected for PFC analysis at select sites were also submitted to Pace Analytical Services for laboratory analysis of total organic carbon (TOC) via EPA Method SW9060.

6.1 Laboratory Analytical Results, Soil and Sediment Sampling

Laboratory analysis detected PFCs in 52 of the 80 soil and sediment samples analyzed for this project (see **Table 4**). The highest PFC concentrations detected in soil or sediment samples were found in the soil samples collected at the Bemidji Airport and the Richfield Ice Arena, and the sediment sample collected from the on-site wetland at the Lake Superior College ERTC. The Bemidji Fire Department trains annually with foam at the Bemidji Airport. Training with Class B foam ceased at the ERTC in 1996, and Class B foam training by the Richfield Fire Department stopped in 1999. 3M-brand Class B foam was used, or was likely used, at all three sites.

Class B foam manufactured by 3M was used, or was likely used (based on the date of foam use and the popularity of the foam) at all of the sites sampled as part of this project, except for the following: the ABLE fire training center in Burnsville; the fire foam training areas in Luverne and Harmony; the River Grove Marina fire; and, the storm sewer associated with the Goodview Fire Station. While PFOS is associated with 3M-brand foam, PFOS was detected in the soil at the sites in Burnsville, Luverne and Goodview. However, the PFOS detected in the storm water sediment sample collected in Goodview may or may not be associated with foam use at the Goodview Fire Station since storm water runoff is collected from numerous points along the storm sewer. Ansul-brand foam was used for training at the Burnsville site, however, the Burnsville Assistant Fire Chief indicated that the use of 3M-brand foam cannot be absolutely ruled out. The Harmony Fire Department indicated they train with Ansul-brand foam. The brand of foam used at the Luverne site for demonstration is unknown.

Analytical data for all of the soil and sediment samples indicates that perfluorinated sulfonates, especially PFOS, are present at higher concentrations than perfluorinated carboxylic acids. PFOS was the PFC

compound detected most often in the soil/sediment samples, with PFOS detected in 45 of the 80 samples analyzed. The next most-detected compounds were PFHxS and PFOA, which were detected in 36 of the soil/sediment samples. These trends are illustrated in **Graph 1**, ***Soil and Sediment PFC Concentrations***.

For the purpose of analyzing PFC concentrations trends with depth and with elapsed time between the last foam use and sampling date, PFOS soil concentration data were compared from the fire foam training sites where 3M-brand foam was used. This included PFOS data from foam training sites in Bemidji, Claremont, Rochester, Richfield, and Fridley. No trends were apparent in analyzing PFOS concentrations at shallow (0 to 4 feet bgs) and deep (4 to 8 feet bgs) depths, and no trends were apparent in comparing PFOS concentrations, and PFOS concentration increases/decreases with depth, to the length of elapsed time between the sampling and the last foam training. This lack of data trend may be due to the varying amounts of foam and water used, and different types of soils, and bare soil or grassy training sites versus paved training areas.

No trends are apparent between PFC compound concentrations and TOC concentrations. As expected, TOC concentrations are higher in the shallower soil samples.

6.2 Soil Laboratory Results versus State PFC Soil Reference Values

The MDH has defined soil reference values (SRVs) for a number of chemical compounds, which are soil contaminant concentrations above which an unacceptable risk to human health is predicted, dependent upon different exposure scenarios. The SRVs may or may not apply to the foam training areas or the fire sites; they are presented in this report for comparison purposes only.

Tier 1 SRVs assume that human exposure to contaminants is chronic and occurs in a residential site setting. Tier 2 SRVs assume contaminant exposures for industrial and recreational property uses. The MPCA has defined soil Tier 1 Residential SRVs, Tier 2 Recreational SRVs, and Tier 2 Industrial SRVs for only the following PFC compounds:

	Tier 1 Residential SRV	*Tier 2 Recreational SRV*	*Tier 2 Industrial SRV*
PFOS	2,100 ng/g	2,600 ng/g	14,000 ng/g
PFOA	2,100 ng/g	2,500 ng/g	13,000 ng/g
PFBA	77,000 ng/g	94,000 ng/g	500,000 ng/g

ng/g: nanograms per gram, which is equivalent to parts-per-billion.

None of the PFC concentrations detected in soil or sediment samples collected for this project met or exceeded any of the MPCA SRVs.

6.3 Groundwater and Surface Water Sampling Results

Laboratory analysis detected PFCs in 68 of the 72 groundwater and surface water samples analyzed for this project (see **Table 5**). Groundwater or surface water samples with the highest PFOS concentrations were found in samples collected at the WAFTA site. Water samples with the highest PFOA concentrations were collected at MSP Airport, WAFTA, and Duluth International Airport. Class B foams made by 3M were used, or were likely used based on the date of foam use, at all of these sites in the past.

The PFC compounds most often detected in groundwater and surface water samples were perfluorinated carboxylic acids. PFOA was detected in 59 of the 72 water samples collected during this project, and PFBA was detected in 58 water samples. PFHxA and PFPeA were detected in 55 and 53 of the water samples, respectively. This trend is illustrated in **Graph 2**, ***Groundwater and Surface Water PFC Concentrations.***

PFCs were detected in surface waters near the following fire foam training areas or fire sites where Class B foam was used: Richfield; MSP Airport; Goodview; River Grove Marina; Lake Superior College ERTC; Kings Cove Marina; and Up North Plastics. With the exception of Lake Superior College ERTC, the sampled bodies of water receive storm water runoff from areas other than the foam training or foam discharge sites. The PFCs detected in the surface waters may be attributed to the firefighting foam, or they may be from an unidentified source. At the ERTC in Duluth, it appears that only runoff from the fire training area enters that wetland.

At sites where 3M-brand foam were not used (the ABLE fire training center in Burnsville; the fire foam training areas in Luverne and Harmony; and, the storm sewer associated with the Goodview Fire Station), PFOS was detected in the groundwater or surface water. As discussed in Section 2.2, PFOS is associated with firefighting foams made by 3M. The source of PFOS at the ABLE fire training center in Burnsville, and at the training areas in Luverne and Harmony, is not known. The storm sewer outlet sampled in Goodview collects storm water from a large area where other sources of PFOS may exist.

6.4 Groundwater PFC Concentrations Versus Minnesota HRLs

The MDH has defined drinking water standards or values for the following PFC compounds: PFOS, PFOA, PFBA, and PFBS. The State drinking water Health Risk Limit (HRL) for both PFOS and PFOA in drinking water is 300 nanograms per liter (ng/L), which is equivalent to parts-per-trillion. The chronic exposure Health Based Value (HBV) for both PFBA and PFBS is 7,000 ng/L. The HBVs are developed by the MDH as interim guidance until a HRL can be established. A Risk Assessment Advice (RAA) for perfluorohexane sulfonate (PFHxS) does not specify numerical health-based limits or values.

The PFOS HRL was exceeded in at least one groundwater sample collected from the following sites:

- WAFTA

- Marathon Refinery
- Bemidji Airport
- ABLE fire training center in Burnsville
- MSP Airport

The PFOA HRL was exceeded in at least one groundwater sample collected from the following sites:

- MSP Airport
- WAFTA
- Duluth Airport
- ABLE fire training center in Burnsville
- Richfield Ice Arena

The surface water sample collected from the on-site wetland at the Lake Superior College ERTC had PFOS and PFOA concentrations that exceeded the drinking water HRLs. The HBVs for PFBA and PFBS were not exceeded in any of the water samples collected during this project.

6.5 State Surface Water Criteria for PFCs

The MPCA has developed site-specific ambient surface water quality criteria for only two PFC compounds, PFOA and PFOS. PFOA and PFOS criteria haven been developed for the surface waters of Lake Calhoun and for a portion of the Mississippi River, in accordance with Minnesota Rules, Chapter 7050.0218, *Methods for Determination of Criteria for Toxic Pollutants, for which Numerical Standards Not Promulgated.* Ambient surface water quality criteria have not been developed for any of the surface water bodies sampled as part of this project.

6.6 Ambient Groundwater Concentrations in Minnesota

In October 2007, ambient groundwater samples were collected by the MPCA from springs and monitoring wells in rural Minnesota for analysis of thirteen PFC compounds, including PFOA and PFOS. Sampling data is presented in the MPCA document *PFCs in Minnesota's Ambient Environment: 2008 Progress Report.* Twenty-two groundwater samples were analyzed for PFCs. The only PFC compound detected was PFBA, which was detected in thirteen samples at concentrations ranging from 2.43 ng/l to 63 ng/l.

In November-December 2006 and November 2007, the MPCA collected twenty-six ambient groundwater samples in urban areas of Minnesota, excluding those in Washington County where PFCs in groundwater are linked releases at historic 3M dumps. The samples were analyzed for nine PFC compounds, including PFOA and PFOS. Every PFC analyte was detected in at least one groundwater sample. Detected PFBA concentrations ranged from 1.34 ng/l to 468 ng/l. PFOA concentrations ranged from 1.1 ng/l to 24.8 ng/l. PFOS concentrations ranged from 2.39 ng/l to 31 ng/l.

In comparing groundwater sampling results from those sites sampled during this project in the rural areas of Minnesota (Harmony, Luverne, Bemidji, and Kandiyohi County) the PFBA concentrations as well as the number of other PFC analytes detected were considered. The PFC concentrations detected in groundwater at the firefighting foam training sites in Harmony, Luverne and Bemidji cannot be attributed to ambient concentrations. At the Kandiyohi County Landfill, where only low levels of PFBA have been detected in the well sample collected downgradient of the site of the fire, the PFBA concentrations may or may not be due to ambient levels.

Ambient concentrations of PFBA, PFOA and PFOS in groundwater found at urban locations were compared to the data collected at the remaining firefighting training sites or fire sites. The PFC concentrations detected in groundwater at the sites in Richfield, Fridley, Burnsville, and at MSP Airport, Duluth Airport, WAFTA, Marathon Refinery, and MW-3 at the Flint Hills Resources Pine Bend Refinery cannot be attributed to ambient concentrations. The PFBA, PFOA and PFOS concentrations detected in groundwater samples collected at the North St. Paul training area and the Crystal Airport, and in the upgradient groundwater samples (B-5, B-6 and B-7) at MSP Airport and the upgradient sample (MW-1) at the Pine Bend Refinery may or may not be due to ambient levels.

7.0 RECEPTOR SURVEYS AND ASSESSMENT OF RISK

The execution of receptor surveys and an evaluation of potential risks associated with PFC impacts identified during this project was not part of the scope of work, with one exception: a water well receptor survey was conducted around the former firefighting foam training area in Richfield due to the known presence of private wells in the area (see Section 7.2). The MPCA is not aware of anyone drinking water that has been impacted with PFCs above drinking water criteria due to the use of firefighting foam. The chemicals associated with firefighting foams of most concern at this time are PFOS and PFOA. According to the Minnesota Department of Health, nearly all people have some amount of PFCs in their blood. Studies by the Center for Disease Control and Prevention (CDC) published in 2007 found that PFOS, PFOA and PFHxS were detected in approximately 98% of the population (18). Research relied upon by the MDH in setting HRLs for drinking water indicates the health concerns associated with exposure to PFOS are effects on the liver and thyroid; health concerns related to PFOA are effects on the liver, slowed development in fetuses, reduced number of red blood cells, and changes to the immune system (19). While less is known about the potential health effects of telomerized compounds, the fact that they are showing up in more locations where firefighting foams are being used may mean that more study is warranted.

7.1 MDH Municipal Well Sampling

One of the risks associated with PFCs in groundwater is to human health should a potable water well be drawing water from impacted groundwater. There are municipal supply wells located near several of the "priority" sites where groundwater impacted by PFCs have been identified, including Bemidji, Luverne, Burnsville, and Richfield. The MPCA and MDH have worked together to identify public supply wells that may be at risk due to their proximity to firefighting foam training areas or large fire sites where Class B foam was discharged. The MDH has sampled supply wells near several fire foam training areas in the "priority" cities and elsewhere, and while low levels of some PFC compounds were detected in municipal well water samples, none of the concentrations have exceeded the HRLs or HBVs.

7.2 Well Receptor Survey, Richfield

As presented in the February 2010 Report, a water well survey was conducted in the area adjacent to or within one-quarter mile to the east, south and southeast of, the former Richfield fire foam training area at the Richfield Ice Arena, in reference to the easterly or potential southeasterly groundwater flow direction. The survey included a search of the MDH County Well Index (CWI), and walking and mailing surveys to identify private water wells. The survey identified several sealed and abandoned water supply wells and groundwater monitoring wells in the survey area. No active wells, other than the municipal wells which were being sampled by MDH, were identified within ¼-mile downgradient of the former fire training area.

7.3 Well Receptor Survey, WAFTA

A groundwater receptor survey conducted by ENSR Corporation identified several water supply wells within one-half mile of the WAFTA site. Sampling of the nearby water wells by the MPCA in 2008 and 2009 did not identify PFCs in any of the wells.

7.4 Well Information, Duluth International Airport

According to the *Groundwater Sampling Report* by BB&E, LLC, there are no drinking water wells in the immediate area of the former firefighting foam training areas, and there are no plans to install water supply wells on airport property. The nearest residential water supply wells identified in a groundwater receptor survey conducted in association with this site are located approximately 1.25 miles away. The residential wells are currently being sampled for PFCs under the oversight of the MPCA.

8.0 FINDINGS AND RECOMMENDATIONS

8.1 PFCs in Class B Foam

Based on the literature review, interviews with knowledgeable persons, and survey of firefighting foam manufactures, the surfactant in Class B firefighting foams contain PFCs. The Class B foams manufactured by 3M prior to 2002 using the ECF manufacturing process contain, or break down to, perfluorinated

sulfonates. Class B foams made by other manufacturers using a telomerization process contain, or break down to, fluorotelomer sulfonates and perfluorinated carboxylic acids.

8.2 Class B Foam Use in Minnesota

Based on the survey of Minnesota firefighting organizations, and assuming that the 66% response rate by municipal fire departments is representative of the entire State, approximately 10% of the municipal fire departments do not use firefighting foam at all, approximately 58% of the municipal fire departments use only Class A foams, approximately 15% of the municipal fire departments use Class B foam for fire response but do not train with Class B foam, and approximately 15% of the municipal fire departments use and train with Class B foam.

The two active oil refineries in the State have their own fire departments and their own on-site fire training areas where Class B foam is used in training and as needed for extinguishing fires.

Of the sixteen MNSCU firefighting training schools, only two of the schools hold training exercises or held training exercises on campus with Class B foam: Lake Superior College ERTC in Duluth; and, Northland College in East Grand Forks.

Firefighting training with Class B foam is no longer conducted at MSP Airport or the Duluth International Airport. Training at these airports with 3M-brand Class B foam was conducted in the past.

Firefighting training with Class B foam at the WAFTA site in St. Bonifacius ceased in 1990. Firefighting foam is not used in training exercises at the SCALE Regional Public Safety Training Facility in Jordan, which opened in 2008. Firefighting foam training is not conducted at Camp Ripley.

Class B foams have been used, and will continue to be used on Class B fires across the State in order to protect public safety, the safety of firefighters, and property. Class B foams are not classified as a hazardous substance, nor has the MPCA or other regulatory entity placed any restrictions on the use of Class B foams.

8.3 Sampling Findings

This project has identified PFCs in soil, sediments, surface water and groundwater at locations where various brands of Class B firefighting foams were used. PFCs were found in soils and groundwater at sites where several years have passed since the last training event or since foam was discharged at a fire. PFC compounds associated with 3M's ECF manufacturing process (i.e. perfluorinated sulfonates) were detected at training sites where 3M-brand foams were not used.

Groundwater is impacted with PFOA and/or PFOS at concentrations exceeding the State drinking water HRLs at the following sites:

- WAFTA site in St. Bonifacius
- Marathon Refinery in St. Paul Park
- Bemidji Regional Airport
- ABLE fire training center in Burnsville
- MSP Airport
- Duluth International Airport
- Richfield Ice Arena

While these locations have PFOA and/or PFOS concentrations in groundwater that exceed the State drinking water Criteria, at this time the MPCA is not aware of anyone drinking water contaminated with PFCs due to the use of firefighting foams that exceed drinking water criteria. Sampling of private water wells in the area of the WAFTA and Duluth International Airport firefighting foam training sites did not detect PFCs in any of the wells. A groundwater receptor survey conducted in the area of the Richfield Ice Arena did not identify any active private water wells.

The PFC concentrations in soils at all sites where samples were collected are all well below the current clean-up criteria.

Firefighting foam training sites with minimal use of Class B foams exhibited low levels of PFCs in groundwater, but concentrations are not exceeding current standards. Therefore, those training sites ranked lower than the 21 "priority" sites do not appear to be a risk to human health or the environment and will not be subject to further action at this time, unless additional information is obtained that would change the ranking of a site.

8.4 State Recommendations on the Use of Class B Firefighting Foam

The MPCA, in conjunction with the Minnesota Department of Public Safety and the Minnesota State Colleges and Universities, has prepared a "Best Practices Today for Class B Firefighting Foam" document, a copy of which is included in **Appendix A**. The Best Practices document recognizes the importance of the use of Class B firefighting foam to fight Class B fires-- it protects the public, it protects the firefighters working to protect us, and it protects property. The Best Practice document presents information and recommendations on the use of foam on fires and spills, foam training, foam types, firefighters' health, and foam disposal, and includes the following recommendations:

- Use Class B foams as necessary on Class B fires, but use Class A foams for Class A fires.
- Use training foam, and not Class B foam, in training exercises if possible. Training foams do not appear to contain PFCs.
- Training with Class B foams in wellhead protection areas or near public or private water supply wells should be avoided whenever possible.

8.5 Recommendations for Further Assessment

While the MPCA is not aware of anyone drinking water contaminated with PFCs above drinking water criteria associated with firefighting foam use, several sites still warrant some additional investigation. Based on the information presented in this report and previous reports, following are recommendations for further assessment with regards to PFCs at firefighting foam training sites or fire sites where Class B foam was used:

1. Conduct groundwater receptor surveys to evaluate risk at the following sites where PFOA and/or PFOS concentrations in groundwater exceeded the State HRLs:
    - Marathon Refinery in St. Paul Park
    - Bemidji Regional Airport
    - ABLE fire training center in Burnsville
    - MSP Airport
2. Conduct a groundwater receptor survey to evaluate risk in the area of the Lake Superior College ERTC due to elevated PFOS and PFOA concentrations in the wetland adjacent to the training area.
3. Continue to monitor groundwater for PFCs at the existing monitoring well located downgradient of the fire site at the Kandiyohi County Landfill. Since the foam discharge occurred less than one year ago, it may take time for potential PFC impacts to migrate through the soil to the water table, and to migrate with groundwater to the location of well DMW-3. Consider installing a monitoring well closer to the site of the fire if site activities and land use nearer the fire site are conducive to the presence of a monitoring well.
4. At the time of sampling at Crystal Airport, there was no water in Shingle Creek. Since PFCs were detected in a sediment sample collected on the down stream side of Crystal Airport, but none were detected upstream, water samples should be collected at or near the locations of the previous sediment samples to test for PFCs in Shingle Creek adjacent to Crystal Airport.
5. Follow up with inquiries, and sampling if warranted, at any large fires that occur or have occurred where Class B foams are used extensively.

9.0 REMARKS

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's client and anyone else specifically identified in writing by Delta as a user of this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

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Date: June 30, 2010

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Reviewed by:

Date: June 30, 2010

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TABLES

TABLE 1

CLASS B FOAM USE RANKING SUMMARY
MINNESOTA MUNICIPAL FIRE DEPARTMENTS
Delta Project No. 19382DEL08

		SITE RANKING CRITERIA								
Department	**Training Location**	**Foam Type: 3M current or former use in training =8**	**Annual Class B Foam Usage in Training: 5 gal or less=2; 6 to 10 gal=4; >10 gal=6**	**Surface Water Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Wetlands Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Karst Area: Active=5; Transition=4; Covered=2; No=0**	**Water Wells Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**WPA/SWAA: site in WPA and/or SWAA=5; within 1/4 mile=4; within 1 mile=2; No=0**	**OVERALL SITE RANKING**	**Notes**
Richfield	Richfield ice arena, 636 E. 66th St.	8	6	3	3	2	3	5	30	sampled soil, groundwater, surface water, upgradient groundwater
Fridley	300 71st Av., Fridley (North Metro Fire Training Center)	8	2	3	3	4	3	5	28	sampled soil, groundwater, sediment
Luverne	Tree dump 1/2 mile south of city on Hwy 75, east side of road.	8	6	3	3	0	3	5	28	sampled soil, groundwater
North St. Paul	No. St. Paul Public Works, 2303 1st St. N.	8	6	3	1	2	3	5	28	sampled soil, groundwater, surface water
Brooklyn Center	Fire station #1 6250 Brooklyn Blvd.	8[(a)]	6	1	1	4	3	5	28	follow-up site visit indicated no Class B foam training.
	Fire station #2 6500 Dupont Av. N.	8[(a)]	6	1	1	4	3	5	28	follow-up site visit indicated no Class B foam training.
Preston	Fillmore County Fairgrounds Fillmore St. & Cty. Hwy. 12, Preston	8	2	3	3	5	3	4	28	follow-up interview indicated one-time training at specified location only.
Kenyon	Fire station, 714 2nd St.	8	2	3	1	5	3	5	27	sampled soil
Cottage Grove	Fire Station 2, 8641 80th St. S.	8	2	3	3	5	1	5	27	follow-up interview indicated training with Class A foam only.
Bemidji	Bemidji Airport (Class B)	8	4	3	3	0	3	5	26	follow-up interview indicated foam brand unknown; sampled soil, groundwater
Northfield	City street shop, 1710 Riverview Drive.	8	2	3	3	5	3	1	25	haven't trained with foam in 10-15 years, and only trained when new equipment purchased.
Rochester	2021 41st St. NW	8	2	1	1	5	3	5	25	sampled soil
Burnsville	ABLE Fire Training Center Cliff Rd & River Ridge Blvd.	0	4	3	3	5	3	5	23	sampled soil, groundwater
Claremont	Front of fire hall on Front St.	8	2	1	0	4	3	5	23	sampled soil
Clearbrook	Tank farm on south edge of town.	8[(a)]	4	3	3	0	3	2	23	Fire Chief wasn't sure the type of foam used. Spent foam caught on floating lids at tank farm.
Linwood Twp	Behind fire station, 22870 Typo Creek Dr., Stacy	8	4	3	3	0	3	2	23	
Littlefork	Fire hall, McPherson & 3rd Av	8[(a)]	2	3	3	0	3	4	23	follow-up attempts unsuccessful
St. Clair	City of St. Clair	8[(a)]	6	3	1	2	3	0	23	follow-up attempts unsuccessful
Alexandria	Various, including VoTech, Magellan tank farm, live burns.	8[a]	2	3	1	0	3	5	22	historical training with Class B foam at Magellen tank farm only.
Golden Valley	7800 Golden Valley Road	0	6	3	1	4	3	5	22	
Hutchinson	205 3rd Av. SE	8	4	1	1	0	3	5	22	no on-site foam training, historically trained with foam at 3M facility in town.
	1300 Adams St. SE	8	4	3	1	0	3	2	21	

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Department	**Training Location**	**Foam Type: 3M current or former use in training =8**	**Annual Class B Foam Usage in Training: 5 gal or less=2; 6 to 10 gal=4; >10 gal=6**	**Surface Water Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Wetlands Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Karst Area: Active=5; Transition=4; Covered=2; No=0**	**Water Wells Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**WPA/SWAA: site in WPA and/or SWAA=5; within 1/4 mile=4; within 1 mile=2; No=0**	**OVERALL SITE RANKING**	**Notes**
Myrtle	Myrtle ballfield	8[(a)]	2	1	0	5	1	5	22	follow-up interview indicated use of Class A foam only.
Perham	Near parking entrance of Prairie Winds Middle School	8[(a)]	4	1	1	0	3	5	22	various brands Class B foam, more training with class A than Class B. Switched to POK stick last year.
Pierz	Intersection of 25 and 27, Pierz	8	2	3	3	0	1	5	22	follow-up interview indicated one-time training at specified location only.
St. Paul	1683 Energy Park Dr., St. Paul	8	4	1	1	5	3	0	22	
Crosslake	Joint City/County maintenance facility, 13870 Whipple.	8[(a)]	2	3	3	0	3	2	21	training location confirmed with City, could not confirm type of foam used.
Fairmont	City shop park lot, 417 E. Margaret St.	8	6	3	3	0	1	0	21	
Goodview	Across street from fire station, 4140 W. 5th St.	0	2	3	3	5	3	5	21	sampled surface water, sediment
Mankato	Fire Sta. #1, 300 Madison Av.	8	4	1	0	5	1	2	21	
Marshall	Marshall Merit Center, Cty Rd 33 (1001 W. Erie Rd.)	8[(a)]	6	3	3	0	1	0	21	
Harmony	Fire hall, Main Av. S. and Brush dump, east of intersection of 139 & Gordon Rd.	0	2	3	3	5	1	5	19	sampled soil and groundwater
Hugo	5223 140th St. N.	0	2	3	3	4	3	4	19	
	4630 Fable Rd. Ct. N.	0	2	3	3	4	3	5	20	
Minneapolis	25 37th Ave. NE	8	2	3	1	4	1	0	19	
Rosemount	14700 Shannon Pkwy	8	2	1	1	2	3	2	19	
Winona	Central Fire Sta., 451 E. 3rd.	0	2	3	1	5	3	5	19	
	Technical College, 1250 Homer Rd.	0	2	3	3	5	3	0	16	
Cannon Falls	Cannon Valley fair grounds, Cannon Falls	0	2	3	3	5	1	4	18	
Lanesboro	Lanesboro ball park parking lot, County Road 8	0	2	3	3	5	1	4	18	
Loretto	259 Medina St. N.	8	2	1	1	0	1	5	18	
Plymouth	Fire Station, 13250 Co. Rd. 6	0	2	1	1	2	1	5	12	
	Fire Station, 3300 Dunkirk Ln.	0	2	3	3	2	3	5	18	
	Fire Station, Old Rockford Rd.	0	2	3	3	2	3	5	18	
Waconia	7550 Airport Rd.	0	4	3	3	0	3	0	13	
	26 Maple St. S.	0	4	3	1	0	3	5	16	
	8075 Paradise Lane	0	4	3	3	0	3	5	18	
Montevideo	Fire station, 103 Canton Av.	8	2	3	3	0	1	0	17	

TABLE 1

CLASS B FOAM USE RANKING SUMMARY
MINNESOTA MUNICIPAL FIRE DEPARTMENTS
Delta Project No. 19382DEL08

		SITE RANKING CRITERIA								
Department	**Training Location**	**Foam Type: 3M current or former use in training =8**	**Annual Class B Foam Usage in Training: 5 gal or less=2; 6 to 10 gal=4; >10 gal=6**	**Surface Water Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Wetlands Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Karst Area: Active=5; Transition=4; Covered=2; No=0**	**Water Wells Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**WPA/SWAA: site in WPA and/or SWAA=5; within 1/4 mile=4; within 1 mile=2; No=0**	**OVERALL SITE RANKING**	**Notes**
Apple Valley	Fire Sta. #1, 15000 Hayes Rd.	0	2	1	3	2	3	5	16	
	Apple Valley central maintenance facility, 6442 140th St. W.	0	2	1	3	2	3	4	15	
Elysian	Fire hall, 212 E. Main	0	2	3	3	2	1	5	16	
Norwood	City vacant lot at South & Rush Streets	0	2	1	3	2	3	5	16	
Paynesville	City airport	0	2	3	3	0	3	5	16	
Pelican Rapids	2nd Av. NW & 4th St.	0	2	3	3	0	3	5	16	
St. Cloud	Open field near Sta. 2 700 41st Av N.	0	6	3	1	0	1	5	16	
	Sta. 4, 1550 45th Av SE	0	6	1	3	0	1	4	15	
Waldorf	Main Street	0	6	1	1	2	1	5	16	
Buffalo Lake	315 N. Main St., at Main & Church Sts.	8	2	1	1	0	1	2	15	
Hamburg	181 Broadway	0	2	3	3	2	3	2	15	
Lake Johanna	Varies, mostly at Station 3, 5545 Lexington Ave.	0	4	3	3	2	3	0	15	
Richmond	Industrial lot, 3 lots west of Main & 191st Av, on the north side of Main.	0	2	3	3	0	3	4	15	
Sartell-LeSauk	Fire hall, 220 4th Ave. S.	0	2	3	3	0	3	4	15	
Silver Lake	Public Works storage area, 305 E. Main St.	0	2	3	3	0	3	4	15	
Upsala	110 W. Elm Av., Upsala	0	4	3	3	0	3	2	15	
Welcome	NE corner of Dugan St. S. and Mill St.	0	2	1	3	0	3	5	14	
Albert Lea	Frank Av., near dog pound	0	2	1	1	2	3	4	13	
Cass Lake	Railroad ROW by 8 Railroad St. NW, Cass Lake	0	4	1	1	0	3	4	13	
Glenville	High school football field	0	2	3	1	4	3	0	13	
New York Mills	City utility gravel parking lot, west side of town, between Centennial Dr. W. and Hwy. 10.	0	2	3	3	0	3	2	13	
Pine River	Fair grounds	0	2	1	1	0	1	5	10	
	School grounds on 1st Street	0	2	3	3	0	1	4	13	
Waseca	Waseca Cty Fairground, area of grand stand.	0	4	1	1	2	1	4	13	

TABLE 1

CLASS B FOAM USE RANKING SUMMARY
MINNESOTA MUNICIPAL FIRE DEPARTMENTS
Delta Project No. 19382DEL08

		SITE RANKING CRITERIA								
Department	**Training Location**	**Foam Type: 3M current or former use in training =8**	**Annual Class B Foam Usage in Training: 5 gal or less=2; 6 to 10 gal=4; >10 gal=6**	**Surface Water Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Wetlands Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Karst Area: Active=5; Transition=4; Covered=2; No=0**	**Water Wells Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**WPA/SWAA: site in WPA and/or SWAA=5; within 1/4 mile=4; within 1 mile=2; No=0**	**OVERALL SITE RANKING**	**Notes**
Cloquet	Gravel pit next to city garage at 410 Armory Road	0	2	1	3	0	1	5	12	
Maynard	Mable St. & Sherman	0	2	1	1	0	3	5	12	follow-up interview indicated use of Class A foam only.
Newfolden	Fire hall	0	2	3	1	0	1	5	12	
Randall	At lot across the street from the fire station.	0	2	0	3	0	3	4	12	
Alborn	Albrook School, 7427 Seville Rd., Saginaw (demonstration)	0	2	1	3	0	1	0	7	
	Alborn Fire Hall, 6390 Hwy. 7, Alborn (training & demo).	0	2	3	3	0	3	0	11	
Appleton	Appleton Public Works bldg. 427 S. Munsterman St.	0	4	1	3	0	3	0	11	
Dilworth	Fire hall, 709 1st Av NW	0	2	3	1	0	3	2	11	
Evansville	East end of town, (new) Council Circle.	0	2	1	3	0	1	4	11	
Hibbing	2320 Brooklyn Dr.	0	2	1	1	0	3	4	11	
Hoyt Lakes	Triple ballfields or near Hoyt Lakes fire hall, 123-1/2 Kennedy Memorial Dr.	0	2	3	3	0	3	0	11	
Mapleton	Street in front of fire hall, 103 3rd Av NE	0	2	1	0	2	1	5	11	
Northrop	Behind fire hall, 211 N. Bridgeman	0	2	0	1	0	3	5	11	
Dunnell-Lake Fremont	Old ball diamond, N. Seeley Av., Dunnell	0	2	1	1	0	1	4	9	
Ellsburg	Fire hall, 1763 Melrude Rd., Melrude, MN	0	2	3	3	0	1	0	9	
Porter	Fire hall, 301 Lone Tree Street	0	4	3	1	0	1	0	9	
Tyler	Corner of Bradley & Applebee	0	6	1	1	0	1	0	9	
Blackhoof	3148 Cty. Rd. 5, Barnum	0	2	1	1	0	3	0	7	
Breckenridge	1312 Minnesot Av.	0	4	1	1	0	1	0	7	
Wolverton	Gravel road in front of fire hall, 301 Hwy 75, Wolverton	0	2	3	1	0	1	0	7	

Notes:
(a) Foam type or training use not specified, 3M foam use for training assumed.
WPA: Wellhead Protection Area
SWAA: Source Water Assessment Area

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TABLE 2

CLASS B FOAM USE RANKING SUMMARY

MINNESOTA AIRPORT AND REFINERY FIRE DEPARTMENTS AND TRAINING SCHOOLS

Delta Project No. 19382DEL08

				Site Ranking Criteria							
Entity	**Location**	**Training Location**	**Notes**	**Foam Type: 3M current or former use in training=8**	**Annual Class B Foam Usage in Training: 5 gal or less=2; 6 to 10 gal=4; >10 gal=6**	**Surface Water Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Wetlands Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Karst Area: Active=5; Transition=4; Covered=2; No=0**	**Water Wells Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**WPA/SWAA: site in WPA and/or SWAA=5; within 1/4 mile=4; within 1 mile=2; No=0**	**Site Ranking**
Alexandria Technical College	1601 Jefferson St. Alexandria	Various locations	Foam provided by various fire departments.	Foam training at various locations, foam provided by other fire departments. Site not ranked.							
Central Lakes College	501 W. College Drive, Brainerd	Various fire departments		Multiple training locations, site not ranked.							
Hennepin Technical College	13100 Collegeview Dr. Eden Prairie	Parking lots of school		Use of Class A and training foam only; no Class B foam use. Site not ranked.							
Hennepin Technical College	1820 Xenium Ln. N. Plymouth	Hennepin Technical College, 13100 College View Dr., Eden Prairie		Class A foam use only, site not ranked.							
Itasca Community College	1831 E. Hwy. 169 Grand Rapids	Not applicable		Foam not used in training, site not ranked.							
Lake Superior College	11501 Hwy 23 Duluth	On-site	Training foam type Kidde Trainol. Other departments train with Trainol.	8	2	3	3	0	1	0	17
Mesabi Range College	1001 Chestnut St. Virginia	Various fire departments and on-site.		Class A foam use only, site not ranked.							
Minnesota State Community & Technical College	2900 28th Av. S. Moorhead	Various fire departments; no training with foam on campus.	Foams supplied by local fire departments.	Multiple training locations, site not ranked.							
Minnesota West Comm & Tech College	607 W. Main St., #100 Marshall	Various fire departments: Granite Falls, Luverne, Jackson, Lake Wilson, and Merit Center in Marshall	Training foam type unknown.	Multiple training locations, site not ranked.							
Northland College	1101 Hwy 1 East Thief River Falls	Various fire departments	Foam training done at off-site locations using other departments' foam.	Class A foam use only, multiple training locations; site not ranked.							
Northland College	2022 Central Av. NE East Grand Forks	Two grassy areas and a parking lot on campus.	Stopped using Class B protein foam more than 5 years ago.	0	6	1	1	0	0	0	8
Pine Technical College	900 4th St. SE Pine City	Various house burns, training as requested.	Foam supplied by other fire departments.	Class A foam use only, multiple training locations; site not ranked.							

TABLE 2

CLASS B FOAM USE RANKING SUMMARY

MINNESOTA AIRPORT AND REFINERY FIRE DEPARTMENTS AND TRAINING SCHOOLS

Delta Project No. 19382DEL08

Entity	Location	Training Location	Notes	Site Ranking Criteria							Site Ranking
				Foam Type: 3M current or former use in training=8	Annual Class B Foam Usage in Training: 5 gal or less=2; 6 to 10 gal=4; >10 gal=6	Surface Water Nearby: within 1/4 mile=3; within 1 mile=1; No=0	Wetlands Nearby: within 1/4 mile=3; within 1 mile=1; No=0	Karst Area: Active=5; Transition=4; Covered=2; No=0	Water Wells Nearby: within 1/4 mile=3; within 1 mile=1; No=0	WPA/SWAA: site in WPA and/or SWAA=5; within 1/4 mile=4; within 1 mile=2; No=0	
St. Cloud Technical College	1540 Northway Drive St. Cloud	Various fire departments		Multiple training locations, site not ranked.							
South Central College	1920 Lee Blvd North Mankato	On-site (10%) and at various fire departments (90%).	Training with various foam brands, whatever the trainee dept. has on hand and whatever is least expensive.	es that there is no on-site training with Class B foam.							
Ridgewater College	2101 NW 15th Av Willmar	Off-site at various fire departments: Litchfield, Ortonville, Prinsburg, Morris		Class A foam use only, multiple training locations; site not ranked.							
Riverland Community College	1900 8th Av NW Austin	Have not trained in many years, recall one training event in Preston, MN.	Foam brands not specified.	Class A and training foam use only, multiple training locations; site not ranked.							
Flint Hills Resources, Pine Bend Refinery Fire Dept.	Rosemount	SW corner of refinery site, 1255 Clayton Blvd.	3M Foams (FC 600F, FC 602, ATC 3x3, FC 603) no longer used for training. Ansul Thunderstorm FC600A used for training. Other departments train on site.	8	6	1	1	4	3	0	23
Marathon Petroleum Refinery	St. Paul Park	Refinery fire training grour	Switched from 3M to Ansul Thunderstorm foam in ~2000. Use ~250 gallon foam for training; non-training foam use varies. Site located in Special Well Construction Area.	8	6	3	3	5	3	2	30
Former Wrenshall Refinery	Highway 1, Wrenshall	Per Wrenshall Fire Chief, historic training with foam on-site.		8[(b)]	6[(c)]	3	3	0	3	2	25[(c)]
Camp Ripley	15000 Hwy 115 Little Falls	No on-site training with foam.	Class A foam type Fire-Trol Fire Foam 103B	No on-site training with foam, Class A foam use only; site not ranked.							

TABLE 2

CLASS B FOAM USE RANKING SUMMARY

MINNESOTA AIRPORT AND REFINERY FIRE DEPARTMENTS AND TRAINING SCHOOLS

Delta Project No. 19382DEL08

				Site Ranking Criteria							
Entity	**Location**	**Training Location**	**Notes**	**Foam Type: 3M current or former use in training=8**	**Annual Class B Foam Usage in Training: 5 gal or less=2; 6 to 10 gal=4; >10 gal=6**	**Surface Water Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Wetlands Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**Karst Area: Active=5; Transition=4; Covered=2; No=0**	**Water Wells Nearby: within 1/4 mile=3; within 1 mile=1; No=0**	**WPA/SWAA: site in WPA and/or SWAA=5; within 1/4 mile=4; within 1 mile=2; No=0**	**Site Ranking**
Metropolitan Airports Commission at Minneapolis/St. Paul Airport	MSP	Trained until recently at Humphrey remote ramp or de-icing pad. Plugged drains, collected spent foam for off-site disposal	Ansul 3% used for training. Historic use of military protein foam in 1960s/1970s. Historic use of 3M foam through ~2000. Class A foam type 1% Lorcon.	8	6	3	3	5	3	5	33
Rochester Airport Fire Dept.	Rochester	Various on-site locations as selected by FAA Inspector, usually a runway. "Short bursts" of foam required in training by FAA. Firefighters train at facility in Duluth.		0	2	3	3	5	3	0	16
Minnesota Air National Guard - Duluth International Airport	Duluth	No current on-site training with foam.	Active site investigation for PFCs at former fire training site under direction of MPCA. 3M foam still used in fire response.	8[(b)]	6	3	3	0	3	0	23

Notes:

(a) Foam type or training use not specified, 3M foam use for training assumed.

(b) 3M foam not currently used in training, but currently used in fire response. Site ranked based on use of foam in fire response.

(c) Ranking assumes maximum use of 3M foam in training exercises.

WPA: Wellhead Protection Area

SWAA: Source Water Assessment Area

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TABLE 3

Sample Collection Summary
Minnesota Firefighting Foam Training and Discharge Sites
Delta Project No. 19382DEL08

Site	# Borings Advanced	Sampled Media							Notes
		Boring Soil Samples	Surface Soil Samples	Groundwater from Borings	Groundwater from Existing Well	Upgradient Groundwater	Sediment	Surface Water	
MSP Airport Minneapolis, MN	7			X	X	X	X	X	Soil samples not collected from borings.
Marathon Refinery St. Paul Park	0				X	X			Sampled existing wells only, no borings advanced.
Flint Hills Resources Pine Bend Refinery Rosemount	0				X	X			Sampled existing wells only, no borings advanced.
Kenyon Fire Department Training Site Slee Street Kenyon	2	X							Groundwater not encountered in borings.
Claremont Fire Department Training Site Claremont Fire Station, Behind	2	X							Groundwater not encountered in borings.
Claremont Fire Department Training Site Claremont Fire Station, Front	1	X							Groundwater not encountered in borings.
Harmony Fire Department Training Sites Harmony Municipal Tree/Brush Dump	2	X		X					
Harmony Fire Department Training Sites Harmony Fire Station	2	X							Groundwater not encountered in borings.
Bemidji Fire Department Training Site Bemidji Regional Airport	2	X		X					
Fridley Fire Department Training Site North Metro Fire Training Center Fridley	2	X		X			X		Sediment sample collected from an on-site wetland.
Burnsville Fire Department Training Site ABLE Fire Training Center Burnsville	3	X		X					Groundwater collected from boring B-3 only.
Goodview Fire Department Training Site Storm Sewer Discharge Point Goodview	0						X	X	Samples collected at storm sewer discharge point only.
No. St. Paul Fire Department Training Site No. St. Paul Public Works Facility	2	X	X	X					
Richfield Fire Department Training Site Richfield Ice Arena	4	X		X		X		X	
Rochester Fire Department Training Site Olmsted County Fairgrounds Rochester	2	X							Groundwater not encountered in borings.
Luverne Fire Department Training Site Municipal Tree/Brush Dump Luverne	3	X		X					
Lake Superior College ERTC Duluth	0		X				X	X	Samples collected at underground pipe discharge point and from on-site wetland.
River Grove Marina Inver Grove Heights	0						X	X	
Kandiyohi County Landfill New London	0				X	X			Sampled existing wells only, no borings advanced.
Crystal Airport Crystal	2	X	X	X			X		
Kings Cove Marina Hastings	0		X				X	X	
Up North Plastics Cottage Grove	0		X				X	X	Samples collected along storm water ditch and associated pond.
WAFTA St. Bonifacius	0				X				Sampled existing wells only.
Duluth International Airport Former Fire Training Areas	6			X					Soil samples not collected from borings.

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TABLE 4

Soil and Sediment Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Harmony Fire Dept. Training Area, Tree/Brush Dump																
Training Frequency:	Annual or less since ~2006															
Last Training Event[(1)]:	2008															
Foam Usage per Training Event:	5 gallons or less															
Foam Brand:	variety, including Ansulite															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Harmony B-1 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.191	< 0.191	< 0.191	< 0.0955
Harmony B-1 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.201	< 0.201	< 0.201	< 0.101
Harmony B-2 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.189	< 0.189	< 0.189	< 0.0947
Harmony B-2 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.192	< 0.192	< 0.192	< 0.0962
Harmony Fire Dept. Training Area, Harmony Fire Station																
Training Frequency:	Annual or less, 1994 thru 1999															
Last Training Event[(1)]:	1999															
Foam Usage per Training Event:	5 gallons or less															
Foam Brand:	variety, including Ansulite															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Harmony B-3 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0977	**0.2**	< 0.0977	**0.161**	< 0.0977	**0.125**	< 0.0977	< 0.0977	< 0.0977	< 0.195	< 0.195	< 0.195	< 0.0977
Harmony B-3 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.190	< 0.190	< 0.190	< 0.0950
Harmony B-4 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0989	**0.253**	**0.133**	**0.15**	< 0.0989	< 0.0989	< 0.0989	< 0.0989	< 0.0989	< 0.198	< 0.198	< 0.198	< 0.0989
Harmony B-4 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.200	< 0.200	< 0.200	< 0.100

TABLE 4

Soil and Sediment Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Burnsville Fire Dept. Training Area, ABLE Fire Training Center																
Training Frequency:	3 times since 1989															
Last Training Event[(1)]:	2004															
Foam Usage per Training Event:	5-10 gallons															
Foam Brand:	Ansul															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Burnsville B-1 SL 0-4'	0-4 ft.	4/24/2009	Axys	**1.73**	**5.32**	**3.27**	**6.72**	**11.4**	**10.2**	**4.37**	**0.537**	**0.542**	< 0.192	**2.63**	**102**	< 0.0962
Burnsville B-1 SL 4-8'	4-8 ft.	4/24/2009	Axys	**0.132**	**1.54**	**1.77**	**8.46**	**14.8**	< 0.0956	< 0.0956	< 0.0956	< 0.0956	< 0.191	**11**	**1.62**	< 0.0956
Burnsville B-2 SL 0-4'	0-4 ft.	4/24/2009	Axys	**0.796**	**3.08**	**1.69**	**1.05**	**5.78**	**7.92**	< 0.0992	< 0.0992	< 0.0992	< 0.198	< 0.198	**2.8**	< 0.0992
Burnsville B-2 SL 4-8'	4-8 ft.	4/24/2009	Axys	**1.83**	**4.81**	**3.97**	**4.14**	**0.355**	< 0.0985	< 0.0985	< 0.0985	< 0.0985	< 0.197	**1.2**	< 0.197	< 0.0985
North St. Paul Fire Dept. Training Area, Public Works Facility																
Training Frequency:	semi-annual, 5-10 times total															
Last Training Event[(1)]:	2008															
Foam Usage per Training Event:	5-10 gallons															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
No St Paul B-1 SL 0-4'	0-4 ft.	5/6/2009	Axys	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.185	< 0.185	< 0.185	< 0.0926
No St Paul B-1 SL 4-8'	4-8 ft.	5/6/2009	Axys	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.200	< 0.200	< 0.200	< 0.0998
No St Paul B-2 SL 0-4'	0-4 ft.	5/6/2009	Axys	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.191	< 0.191	< 0.191	< 0.0954
No St Paul B-2 SL 4-8'	4-8 ft.	5/6/2009	Axys	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.196	< 0.196	< 0.196	< 0.0978
No St Paul B-3 SL 0-2'	0-2 ft.	5/6/2009	Axys	< 0.0972	< 0.0972	< 0.0972	< 0.0972	**0.107**	< 0.0972	< 0.0972	< 0.0972	< 0.0972	< 0.194	< 0.194	**0.623**	< 0.0972

TABLE 4

Soil and Sediment Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
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				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Richfield Fire Dept. Training Area, Richfield Ice Arena																
Training Frequency:	occasional															
Last Training Event[(1)]:	1999															
Foam Usage per Training Event:	30-40 gallons															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Richfield B-1 0-4'	0-4 ft.	5/7/2009	Axys	< 0.0932	**0.226**	**0.191**	**0.433**	**1.36**	**1.44**	**0.095**	< 0.0932	< 0.0932	< 0.186	**1.26**	**104**	**0.21**
Richfield B-1 4-8'	4-8 ft.	5/7/2009	Axys	**0.322**	**1.43**	**0.905**	**0.592**	**1.11**	**1.89**	< 0.0966	< 0.0966	< 0.0966	< 0.193	**1.44**	**102**	< 0.0966
Richfield B-2 0-4'	0-4 ft.	5/7/2009	Axys	**0.464**	**1.33**	**1.07**	**0.85**	**2.32**	**5.03**	**0.306**	< 0.186	< 0.186	< 0.373	**13**	**401**	**0.47**
Richfield B-2 4-8'	4-8 ft.	5/7/2009	Axys	**1.04**	**4.52**	**4.7**	**3.28**	**5.02**	**4.83**	< 0.379	< 0.379	< 0.379	< 0.757	**32.2**	**666**	< 0.379
Richfield B-3 0-4'	0-4 ft.	5/7/2009	Axys	< 0.0942	< 0.0942	**0.314**	**0.309**	**1.49**	< 0.0942	< 0.0942	< 0.0942	< 0.0942	< 0.188	**21.9**	**56.4**	< 0.0942
Richfield B-3 4-8'	4-8 ft.	5/7/2009	Axys	**0.173**	**0.439**	**1.02**	**0.283**	**0.336**	< 0.104	< 0.104	< 0.104	< 0.104	**0.57**	**2.35**	**9.33**	< 0.104
Richfield B-4 0-8'	0-8 ft.	10/8/2009	Axys	< 0.0956	< 0.0956	< 0.0956	< 0.0956	**0.129**	< 0.0956	< 0.0956	< 0.0956	< 0.0956	< 0.191	**0.236**	**4.52**	< 0.0956
Kenyon Fire Dept. Training Area, Slee Street																
Training Frequency:	bi-annual															
Last Training Event[(1)]:	2004															
Foam Usage per Training Event:	< 5 gallons															
Foam Brand:	variety, including 3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Kenyon B-1 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0963	< 0.0963	< 0.0963	**0.111**	< 0.0963	< 0.0963	< 0.0963	< 0.0963	< 0.0963	< 0.193	< 0.193	< 0.193	< 0.0963
Kenyon B-1 SL 0-4'	0-4 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Kenyon B-1 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.189	< 0.189	< 0.189	< 0.0944
Kenyon B-1 SL 4-8'	4-8 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Kenyon B-2 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.187	< 0.187	< 0.187	< 0.0937
Kenyon B-2 SL 0-4'	0-4 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Kenyon B-2 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.189	< 0.189	< 0.189	< 0.0943
Kenyon B-2 SL 4-8'	4-8 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

TABLE 4

Soil and Sediment Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Claremont Fire Dept. Training Area, Back of Fire Station																
Training Frequency:	1 time															
Last Training Event[(1)]:	Fall 2008															
Foam Usage per Training Event:	5 gallons or less															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Claremont B-1 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.181	< 0.181	**0.308**	< 0.0907
Claremont B-1 SL 0-4'	0-4 ft.	5/15/2009	MPI	**0.413**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.773**	<0.2	<0.2
Claremont B-1 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.193	**0.224**	**0.321**	< 0.0966
Claremont B-1 SL 4-8'	4-8 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Claremont B-2 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0936	< 0.0936	**0.385**	< 0.0936	**0.154**	< 0.0936	< 0.0936	< 0.0936	< 0.0936	**0.491**	**1.65**	**24.7**	**0.129**
Claremont B-2 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.192	< 0.192	**0.25**	< 0.0958
Claremont Fire Dept. Training Area, Front of Fire Station																
Training Frequency:	annually or less															
Last Training Event[(1)]:	approximately 2007															
Foam Usage per Training Event:	5 gallons or less															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Claremont B-3 SL 0-4'	0-4 ft.	5/15/2009	Axys	**0.114**	**0.167**	**0.427**	**0.232**	**0.174**	< 0.0912	< 0.0912	< 0.0912	< 0.0912	**2.39**	**5.25**	**3.46**	< 0.0912
Claremont B-3 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.187	**0.561**	**0.988**	< 0.0935

TABLE 4

Soil and Sediment Analytical Results, PFCs
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				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Luverne Fire Dept. Training Site, Tree/Brush Dump																
Training Frequency:	1 time															
Last Training Event[(1)]:	2005															
Foam Usage per Training Event:	5 gallons															
Foam Brand:	unknown															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Luverne B-1 SL 0-4'	0-4 ft.	5/22/2009	Axys	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.192	< 0.192	< 0.481	< 0.241
Luverne B-1 SL 0-4'	0-4 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Luverne B-1 SL 4-8'	4-8 ft.	5/22/2009	Axys	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.196	< 0.196	< 0.490	< 0.245
Luverne B-1 SL 4-8'	4-8 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Luverne B-2 SL 0-4'	0-4 ft.	5/22/2009	Axys	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.191	< 0.191	**0.481**	< 0.239
Luverne B-2 SL 0-4'	0-4 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Luverne B-2 SL 4-8'	4-8 ft.	5/22/2009	Axys	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.200	< 0.200	< 0.500	< 0.250
Luverne B-2 SL 4-8'	4-8 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Luverne B-3 SL 0-4'	0-4 ft.	5/22/2009	Axys	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.195	< 0.195	< 0.487	< 0.244
Luverne B-3 SL 0-4'	0-4 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Luverne B-3 SL 4-8'	4-8 ft.	5/22/2009	Axys	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.197	< 0.197	< 0.492	< 0.246
Luverne B-3 SL 4-8'	4-8 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Fridley Fire Dept. Training Site, North Metro Fire Training Center																
Training Frequency:	occasional															
Last Training Event[(1)]:	1994/1995															
Foam Usage per Training Event:	< 5 gallons															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Fridley B-1 SL 0-4'	0-4 ft.	5/27/2009	Axys	**0.242**	**0.422**	**0.413**	**0.27**	**0.291**	**0.144**	< 0.100	< 0.100	< 0.100	< 0.201	**1.25**	**43**	< 0.100
Fridley B-1 SL 4-8'	4-8 ft.	5/27/2009	Axys	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.201	< 0.201	**2.45**	< 0.101
Fridley B-2 SL 0-4'	0-4 ft.	5/27/2009	Axys	**1.34**	**1.67**	**2.78**	**0.735**	**0.699**	< 0.102	< 0.102	< 0.102	< 0.102	**3.01**	**23.4**	**3.48**	< 0.102
Fridley B-2 SL 4-8'	4-8 ft.	5/27/2009	Axys	**0.601**	**1.13**	**1.53**	**0.335**	**0.493**	< 0.0950	< 0.0950	< 0.0950	< 0.0950	**1.32**	**14.2**	**1.31**	< 0.0950
Fridley B-3 Sediment 6"	0.5 ft.	5/27/2009	Axys	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.193	< 0.193	**18.3**	< 0.0966

TABLE 4

Soil and Sediment Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
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				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Rochester Fire Dept. Training Area, Olmsted County Fairgrounds																
Training Frequency:	annual															
Last Training Event[(1)]:	2001/2002															
Foam Usage per Training Event:	5 gallons or less															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Rochester B-1 SL 0-4'	0-4 ft.	5/28/2009	Axys	**0.207**	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.196	**0.361**	**0.559**	< 0.0979
Rochester B-1 SL 4-8'	4-8 ft.	5/29/2009	Axys	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.191	< 0.191	< 0.191	< 0.0957
Rochester B-2 SL 0-4'	0-4 ft.	5/28/2009	Axys	**0.142**	< 0.0999	**0.173**	< 0.0999	< 0.0999	< 0.0999	< 0.0999	< 0.0999	< 0.0999	< 0.200	**1.7**	**1.12**	< 0.0999
Rochester B-2 SL 4-8'	4-8 ft.	5/29/2009	Axys	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.190	< 0.190	< 0.190	< 0.0949
Goodview Fire Station, Storm Drain Outflow																
Training Frequency:	6 times in 20 years															
Last Training Event[(1)]:	2004/2005															
Foam Usage per Training Event:	5 gallons															
Foam Brand:	Ansul															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Goodview Sed-1	0-6 in.	10/19/2009	Axys	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.177	< 0.177	**0.332**	< 0.0883
Bemidji Fire Dept. Training Area, Bemidji Airport																
Training Frequency:	annual															
Last Training Event[(1)]:	2008/2009															
Foam Usage per Training Event:	5 gallons															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Bemidji B-1 SL 0-4'	0-4 ft.	11/5/2009	Axys	< 0.0951	< 0.0951	**0.216**	< 0.0951	**0.118**	< 0.0951	< 0.0951	< 0.0951	< 0.0951	< 0.190	**3.12**	**55.7**	**0.112**
Bemidji B-1 SL 4-8'	4-8 ft.	11/5/2009	Axys	< 0.0913	< 0.0913	< 0.0913	< 0.0913	**0.498**	< 0.0913	< 0.0913	< 0.0913	< 0.0913	**0.267**	**3.98**	**56**	< 0.0913
Bemidji B-2 SL 0-4'	0-4 ft.	11/5/2009	Axys	**0.184**	**0.322**	**1.44**	**0.143**	**1.31**	**0.099**	< 0.0933	< 0.0933	< 0.0933	< 1.87	**13.9[(2)]**	**1200[(2)]**	**18.5**
Bemidji B-2 SL 4-8'	4-8 ft.	11/5/2009	Axys	< 0.276	< 0.276	**0.411[(2)]**	**0.917[(2)]**	**19.6[(2)]**	< 0.276	< 0.276	< 0.276	< 0.276	**0.957[(2)]**	**147[(2)]**	**606[(2)]**	< 0.276

TABLE 4

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				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
River Grove Marina Fire, Inver Grove Heights																
Date of Foam Discharge:	9/26/2009															
Foam Usage	15 gallons															
Foam Brand:	Ansul															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
River Grove Sed-1	0-6 in.	11/18/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	<0.667	<0.333
River Grove Sed-2	0-6 in.	11/18/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	<0.667	<0.333
River Grove Sed-3	0-6 in.	11/18/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	<0.667	<0.333
Lake Superior College ERTC																
Training Frequency:	unknown, 1994-1996															
Last Training Event[(1)]:	1996															
Foam Usage per Training Event:	unknown															
Foam Brand:	3M or other															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
ERTC SS-1	0-6 in.	11/25/2009	Axys	< 0.0998	**0.205**	**0.794**	**0.139**	**0.495**	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.200	**3.49**	**83.5**	**4.54**
ERTC Sed-1	0-6 in.	11/25/2009	Axys	< 0.0917	< 0.0917	< 0.0917	< 0.0917	**0.225**	< 0.0917	< 0.0917	< 0.0917	< 0.0917	< 0.183	**1.2**	**57.5**	**6.52**
ERTC Sed-2	0-6 in.	11/25/2009	Axys	**0.218**	**0.536**	**1.72**	**0.268**	**1.26**	**0.184**	**0.101**	**0.174**	< 0.0933	**1.47**	**19.6**	**538**	**181**
MSP Airport																
Training Frequency:	unknown															
Last Training Event[(1)]:	2001															
Foam Usage per Training Event:	5-10 gallons															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
MSP Sed-1	0-6 in.	1/19/2010	Axys	< 0.484	< 0.484	< 0.484	< 0.484	**1.8**	**1.89**	**17.3**	**2.5**	**15.6**	< 0.968	< 0.968	**8.84**	**3.55**

TABLE 4

Soil and Sediment Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Crystal Airport																
Date of Foam Discharge:	June 2009															
Foam Usage per Training Event:	unknown															
Foam Brand:	Fire Aide 2000															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Crystal B-1 SL 0-4'	0-4 ft.	1/20/2010	Axys	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.972	< 0.972	< 0.972	< 0.486
Crystal B-1 SL 4-8'	4-8 ft.	1/20/2010	Axys	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.985	< 0.985	< 0.985	< 0.493
Crystal B-2 SL 0-4'	0-4 ft.	1/20/2010	Axys	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.977	< 0.977	< 0.977	< 0.488
Crystal B-2 SL 4-8'	4-8 ft.	1/20/2010	Axys	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.979	< 0.979	< 0.979	< 0.490
Crystal SS-1	2 ft.	1/20/2010	Axys	< 0.498	**0.929**	< 0.498	< 0.498	< 0.498	< 0.498	< 0.498	< 0.498	< 0.498	< 0.996	< 0.996	< 0.996	< 0.498
Crystal Sed-1	0-6 in.	1/20/2010	Axys	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 1.03	< 1.03	< 1.03	< 0.513
Crystal Sed-2	0-6 in.	1/20/2010	Axys	**0.467**	**1.16**	< 0.404	**0.491**	**0.654**	**0.412**	**0.863**	**1.17**	**2.47**	< 0.807	**1.03**	**7.1**	**1.45**
Kings Cove Marina, Hastings Fire																
Date of Foam Discharge:	October 2002															
Foam Usage	305 gallons															
Foam Brand:	3M															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Kings Cove Marina Soil	Surficial	12/3/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	**1.11**	**2.07**	**10.4**	<0.667	<0.667	<0.667	<0.333
Kings Cove Marina Sed 1	Surficial	12/3/2009	MPI	<0.333	<0.333	<0.333	<0.333	**0.841**	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	**1.34**	<0.333
Kings Cove Marina Sed 2	Surficial	12/3/2009	MPI	<0.333	<0.333	**0.773**	<0.333	**0.736**	<0.333	<0.333	<0.333	<0.333	<0.667	**4.44**	**6.12**	<0.333

TABLE 4

Soil and Sediment Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

				Perfluorinated carboxylic acids									Perfluorinated sulfonates			
				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Up North Plastics, Cottage Grove Fire																
Date of Foam Discharge:	12/1/2002															
Foam Usage	4,000 gallons or more															
Foam Brand:	unknown															
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**													
Up North Plastics Soil 1	Surficial	7/16/2009	Axys	**2.45**	**0.419**	**0.682**	**0.189**	**1.18**	**0.342**	**0.642**	**2.46**	**1.27**	**0.296**	**20.6**	**258**	**8.91**
Up North Plastics Soil 2	Surficial	7/16/2009	Axys	**0.985**	< 0.0982	**0.205**	**0.115**	**0.381**	< 0.0982	< 0.0982	**0.341**	**0.343**	< 0.196	**2.07**	**59.1**	**2.99**
Up North Plastics Soil 3	Surficial	7/16/2009	Axys	**0.203**	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.202	< 0.202	< 0.202	< 0.101
Up North Plastics Soil 4	Surficial	7/16/2009	Axys	< 0.0964	< 0.0964	**0.233**	< 0.0964	**0.172**	< 0.0964	**0.097**	**1.88**	< 0.0964	< 0.193	**3.91**	**355**	**16.5**
Up North Plastics Soil 5	Surficial	7/16/2009	Axys	**3.82**	**0.628**	**0.477**	**0.266**	**8.29**	< 0.0964	< 0.0964	**0.122**	**0.128**	**0.199**	**0.712**	**7.48**	**0.428**
Up North Plastics Sed 1	Surficial	7/16/2009	Axys	**0.659**	< 0.0965	< 0.0965	< 0.0965	**0.406**	< 0.0965	< 0.0965	< 0.0965	< 0.0965	< 0.193	< 0.193	**1.15**	< 0.0965
Up North Plastics Sed 2	Surficial	7/16/2009	Axys	**3.37**	**0.195**	**0.19**	< 0.110	**0.957**	**0.113**	< 0.110	**0.165**	**0.713**	**0.284**	**1.65**	**104**	**0.782**
Up North Plastics Sed 3	Surficial	7/16/2009	Axys	**14.2**	**1.94**	**1.32**	**0.608**	**14.6**	< 0.104	< 0.104	< 0.104	**0.188**	< 0.207	**0.764**	**16.3**	< 0.104
Up North Plastics Sed 4	Surficial	7/16/2009	Axys	**2.35**	**0.265**	**0.143**	< 0.119	**1.49**	< 0.119	**0.331**	**0.657**	**1.24**	< 0.238	**0.596**	**13.6**	**0.325**
Up North Plastics Sed Dup	Surficial	7/16/2009	Axys	**1.25**	< 0.102	< 0.102	< 0.102	**0.726**	< 0.102	< 0.102	< 0.102	< 0.102	< 0.204	< 0.204	**1.67**	< 0.102

Notes:

PFC results are in nanograms per gram (ng/g), which is equivalent to parts per billion.
PFC compounds soil results reported on a dry weight basis.
Bolded type indicates detection above the laboratory method detection limit.
Non-detect results presented as less than the laboratory detection limit.
Axys: Axys Analytical Services LTD
MPI: MPI Research
(1) Last training event prior to sampling, dates are approximate
(2) Results based on analysis of a dilution of the sample extract.

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TABLE 5

Groundwater and Surface Water Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			4	5	6	7	8	9	10	11	12	4	6	8	8
Health-Based Limits:			7000[2]	ND	ND	ND	300[3]	ND	ND	ND	ND	7000[2]	RAA[4]	300[3]	ND
Harmony Fire Dept. Training Area, Tree/Brush Dump															
Training Frequency:	Annual or less since ~2006														
Last Training Event[1]:	2008														
Foam Usage per Training Event:	5 gallons or less														
Foam Brand:	variety, including Ansulite														
Sample ID	**Sample Date**	**Laboratory**													
Harmony B-1 GW	4/23/2009	Axys	**7.3**	**3.27**	**2.67**	< 2.49	**7**	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	**8.33**	< 2.49
Harmony B-2 GW	4/23/2009	Axys	**9.04**	**2.52**	< 2.46	< 2.46	**6.92**	< 2.46	< 2.46	< 2.46	< 2.46	< 4.92	< 4.92	**6.74**	< 2.46
North St. Paul Fire Dept. Training Area, Public Works Facility															
Training Frequency:	semi-annual, 5-10 times total														
Last Training Event[1]:	2008														
Foam Usage per Training Event:	5-10 gallons														
Foam Brand:	3M														
Sample ID	**Sample Date**	**Laboratory**													
No St Paul B-1 GW	5/6/2009	Axys	**137**	**13.3**	**13.2**	**8.83**	**13.8**	< 3.49	< 3.49	< 3.49	< 3.49	< 6.99	**14.1**	< 6.99	< 3.49
No St Paul B-2 GW	5/6/2009	Axys	**145**	**15.5**	**14.1**	**8.22**	**13.2**	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	**14.8**	< 5.01	< 2.50
Richfield Fire Dept. Training Area, Richfield Ice Arena															
Training Frequency:	occasional														
Last Training Event[1]:	1999														
Foam Usage per Training Event:	30-40 gallons														
Foam Brand:	3M														
Sample ID	**Sample Date**	**Laboratory**													
Richfield B-1 GW	5/7/2009	Axys	**1070**	**3470**	**3500**	**819**	**50.3**	< 18.8	< 18.8	< 18.8	< 18.8	**737**	**76.2**	< 37.7	< 18.8
Richfield B-2 GW	5/7/2009	Axys	**1240**	**4890**	**4170**	**1920**	**1330**	< 91.4	< 91.4	< 91.4	< 91.4	< 183	< 183	< 183	< 91.4
Richfield B-3 GW	5/7/2009	Axys	**201**	**331**	**888**	**217**	**458**	< 66.7	< 66.7	< 66.7	< 66.7	**293**	**689**	< 133	< 66.7
Legion Lake SW-1	8/27/2009	Axys	**4.02**	<7.21	< 2.51	**3.55**	**5.69**	**3.63**	**3.92**	< 2.51	< 2.51	< 5.02	< 5.02	**13.2**	< 2.51
*Richfield B-4 GW 29 ft.	10/8/2009	Axys	**228**	**10.3**	**10.3**	**5.43**	**38.7**	< 2.48	< 2.48	< 2.48	< 2.48	< 4.96	**71.4**	< 4.96	< 2.48

TABLE 5

Groundwater and Surface Water Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000[2]**	**ND**	**ND**	**ND**	**300[3]**	**ND**	**ND**	**ND**	**ND**	**7000[2]**	**RAA[4]**	**300[3]**	**ND**
Luverne Fire Dept. Training Site, Tree/Brush Dump															
Training Frequency:	1 time														
Last Training Event[1]:	2005														
Foam Usage per Training Event:	5 gallons														
Foam Brand:	unknown														
Sample ID	**Sample Date**	**Laboratory**													
Luverne B-1 GW 8 ft.	5/22/2009	Axys	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 5.05	**18.1**	< 5.05	< 2.53
Luverne B-1 GW 8 ft.	5/22/2009	MPI	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0[5]	<25.0	<25.0
Luverne B-2 GW 12 ft.	5/22/2009	Axys	< 2.55	< 2.55	**3.78**	< 2.55	**2.73**	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	**22.8**	**18.4**	< 2.55
Luverne B-2 GW 12 ft.	5/22/2009	MPI	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**25.1**	<25.0[7]	<25.0
Luverne B-3 GW 12 ft.	5/22/2009	Axys	< 2.53	**3.99**	**11.3**	< 2.53	**3.39**	< 2.53	< 2.53	< 2.53	< 2.53	< 5.07	**21.4**	**20.1**	< 2.53
Luverne B-3 GW 12 ft.	5/22/2009	MPI	<25.0	<25.0	<25.0[6]	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**28.8**	<25.0[8]	<25.0
Fridley Fire Dept. Training Site, North Metro Fire Training Center															
Training Frequency:	occasional														
Last Training Event[1]:	1994/1995														
Foam Usage per Training Event:	< 5 gallons														
Foam Brand:	3M														
Sample ID	**Sample Date**	**Laboratory**													
Fridley B-1 GW	5/27/2009	Axys	**37.6**	**34**	**27.1**	**23.2**	**32.7**	< 4.27	< 4.27	< 4.27	< 4.27	**15.2**	**98.9**	**21.9**	< 4.27
Fridley B-2 GW	5/27/2009	Axys	**88.3**	**97.2**	**166**	**59.5**	**86.8**	< 5.39	< 5.39	< 5.39	< 5.39	**182**	**1330**	**35**	< 5.39
MSP Airport															
Training Frequency:	unknown														
Last Training Event[1]:	2001														
Foam Usage per Training Event:	5-10 gallons														
Foam Brand:	3M														
Sample ID	**Sample Date**	**Laboratory**													
MSP Airport B-1 GW	5/29/2009	Axys	**279**	**909**	**1640**	**317**	**988**	**42**	< 41.2	< 41.2	< 41.2	**332**	**3090**	< 82.5	< 41.2
MSP Airport B-2 GW	5/29/2009	Axys	**190**	**507**	**817**	**198**	**958**	< 48.8	< 48.8	< 48.8	< 48.8	**286**	**2920**	< 97.6	< 48.8
MSP Airport B-3 GW	5/29/2009	Axys	**151**	**148**	**477**	< 135	**12000**	< 135	< 135	< 135	< 135	< 269	**21200**	**281**	< 135
MSP Airport B-4 GW	5/29/2009	Axys	< 1250	< 1250	**3140**	**5830**	**286000**	< 1250	< 1250	< 1250	< 1250	< 2500	**145000**	< 2500	< 1250
*MSP Airport B-5 GW	1/19/2010	Axys	**103**	**81.3**	**168**	**17.5**	**7.29**	< 2.63	< 2.63	< 2.63	< 2.63	160	110	< 5.26	< 2.63
*MSP Airport B-6 GW	1/19/2010	Axys	**58.6**	**60.4**	**187**	**44.6**	**11.2**	< 2.55	< 2.55	< 2.55	< 2.55	**64.1**	**204**	**11**	< 2.55
*MSP Airport B-7 GW	1/19/2010	Axys	**130**	**233**	**114**	< 2.53	**3.77**	< 2.53	< 2.53	< 2.53	< 2.53	**7.77**	< 5.05	< 5.05	< 2.53
CWN-14A GW	1/19/2010	Axys	**40.9**	**32.3**	**42.2**	**17.8**	**19.1**	< 2.54	< 2.54	< 2.54	< 2.54	< 5.07	**19.3**	**15.6**	< 2.54
CWN-15A GW	1/19/2010	Axys	**72**	**15.3**	**20.2**	**7.27**	**56.9**	< 2.75	< 2.75	< 2.75	< 2.75	**9.45**	**202**	< 5.50	< 2.75
Signature MW-2 GW	1/19/2010	Axys	**83.7**	**96.8**	**162**	**69.7**	**79.5**	< 6.57	< 5.40	< 5.40	< 5.40	**151**	**1780**	**953**	< 5.40
MSP SW-1	1/19/2010	Axys	**46.8**	**46**	**82.1**	**24.6**	**50.1**	**13.4**	**13.9**	< 2.46	< 2.46	**46.5**	**184**	**39**	< 2.46

TABLE 5

Groundwater and Surface Water Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000[2]**	**ND**	**ND**	**ND**	**300[3]**	**ND**	**ND**	**ND**	**ND**	**7000[2]**	**RAA[4]**	**300[3]**	**ND**
Marathon Refinery															
Training Frequency:	semi-annual														
Last Training Event[1]:	2009														
Foam Usage per Training Event:	50-100 gallons														
Foam Brand:	Ansul, historical use of 3M														
Sample ID	**Sample Date**	**Laboratory**													
Marathon MW-101	8/20/2009	MPI	**183**	**403**	**150**	**12.4**	**36.7**	<2.5	<2.5	<2.5	<2.5	**479**	**3710**	**93.2**	<2.5
*Marathon MW-912	8/20/2009	MPI	**462**	**298**	**51.5**	**21.8**	**17.5**	<2.5	<2.5	<2.5	<2.5	**37.0**	**1580**	**731**	<2.5
Marathon SP-11	8/20/2009	MPI	**182**	**458**	**171**	**52.2**	**35.6**	**20.7**	<2.5	<2.5	<2.5	**369**	**4910**	**5770**	<2.5
Marathon MW-172	8/20/2009	MPI	**59.8**	**245**	**154**	**25.1**	**15.5**	**11.4**	<2.5	<2.5	<2.5	**49.0**	**1220**	**1330**	<2.5
Marathon MW-156	8/20/2009	MPI	**220**	**1730**	**527**	**200**	**73.1**	**26.9**	<2.5	**2.58**	<2.5	**462**	**10500**	**14900**	<2.5
Marathon MW-156 Dupl.	8/20/2009	MPI	**221**	**1660**	**534**	**184**	**81.4**	**23.7**	<2.5	**2.93**	<2.5	**502**	**8930**	**11700**	**2.62**
Burnsville Fire Dept. Training Area, ABLE Fire Training Center															
Training Frequency:	3 times since 1989														
Last Training Event[1]:	2004														
Foam Usage per Training Event:	5-10 gallons														
Foam Brand:	Ansul														
Sample ID	**Sample Date**	**Laboratory**													
Burnsville B-3 GW 44.5 ft.	8/27/2009	Axys	**146**	**422**	**281**	**447**	**1260**	**81.7**	**17.8**	< 2.52	< 2.52	**12.8**	**279**	**522**	< 2.52
Goodview Fire Station, Storm Drain Outflow															
Training Frequency:	6 times in 20 years														
Last Training Event[1]:	2004/2005														
Foam Usage per Training Event:	5 gallons														
Foam Brand:	Ansul														
Sample ID	**Sample Date**	**Laboratory**													
Goodview SW-1	10/19/2009	Axys	< 2.53	< 2.53	**4.78**	< 2.53	**4.49**	**2.56**	**2.82**	< 2.53	< 2.53	< 5.06	< 5.06	**8.19**	< 2.53
Bemidji Fire Dept. Training Area, Bemidji Airport															
Training Frequency:	annual														
Last Training Event[1]:	2008/2009														
Foam Usage per Training Event:	5 gallons														
Foam Brand:	3M														
Sample ID	**Sample Date**	**Laboratory**													
Bemidji B-1 GW 15 ft.	11/5/2009	Axys	**4.14**	**3.85**	**14.5**	**3.75**	**49**	< 2.50	< 2.50	< 2.50	< 2.50	**19.1**	**227**	**483**	< 2.50
Bemidji B-2 GW 15 ft.	11/5/2009	Axys	**21.1**	**55.5**	**340**	**33.8**	**200**	< 12.2	< 12.2	< 12.2	< 12.2	**129**	**1490**	**789**	< 12.2

TABLE 5

Groundwater and Surface Water Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000[2]**	**ND**	**ND**	**ND**	**300[3]**	**ND**	**ND**	**ND**	**ND**	**7000[2]**	**RAA[4]**	**300[3]**	**ND**
River Grove Marina Fire, Inver Grove Heights															
Date of Foam Discharge:	9/26/2009														
Foam Usage	15 gallons														
Foam Brand:	Ansul														
Sample ID	**Sample Date**	**Laboratory**													
River Grove SW-1	11/18/2009	MPI	**3.54**	<2.5	<2.5	<2.5	**2.79**	<2.5	<2.5	<2.5	<2.5	**4.00**	<2.5	<2.5	<2.5
*River Grove SW-2	11/18/2009	MPI	**4.23**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**3.43**	<2.5	<2.5	<2.5
Lake Superior College ERTC															
Training Frequency:	unknown, 1994-1996														
Last Training Event[1]:	1996														
Foam Usage per Training Event:	unknown														
Foam Brand:	3M or other														
Sample ID	**Sample Date**	**Laboratory**													
ERTC SW-1	11/25/2009	Axys	**257**	**537**	**1790**	**348**	**991**	**31.8**	**3.45**	< 2.51	< 2.51	**1870**	**9390**	**11300**	**360**
Kandiyohi County Landfill Fire															
Date of Foam Discharge:	10/1/2009														
Foam Usage	545 gallons														
Foam Brand:	3M, Ansul														
Sample ID	**Sample Date**	**Laboratory**													
Kandiyohi DMW-1A	1/12/2010	Axys	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.87	< 4.87	< 4.87	< 2.43
Kandiyohi DMW-3	1/12/2010	Axys	**6.1**	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.01	< 5.01	< 5.01	< 2.51
Kandiyohi DMW-1A	5/4/2010	Axys	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.99	< 4.99	< 4.99	< 2.49
Kandiyohi DMW-3	5/4/2010	Axys	**11**	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Crystal Airport															
Date of Foam Discharge:	June 2009														
Foam Usage	unknown														
Foam Brand:	Fire Aide 2000														
Sample ID	**Sample Date**	**Laboratory**													
Crystal B-1 GW 5.5 ft.	1/20/2010	Axys	**16.2**	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 5.12	< 5.12	< 5.12	< 2.56
Crystal B-2 GW 6 ft.	1/20/2010	Axys	**37.3**	< 2.50	< 2.50	< 2.50	**2.65**	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	**5.27**	< 2.50

TABLE 5

Groundwater and Surface Water Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflouorooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000[2]**	**ND**	**ND**	**ND**	**300[3]**	**ND**	**ND**	**ND**	**ND**	**7000[2]**	**RAA[4]**	**300[3]**	**ND**
Flint Hills Resources Pine Bend Refinery															
Training Frequency:	20-25 times per year														
Last Training Event[1]:	2009														
Foam Usage per Training Event:	20-25														
Foam Brand:	Ansul, historical use of 3M														
Sample ID	**Sample Date**	**Laboratory**													
*FHR Pine Bend MW-1	1/21/2010	Axys	**179**	**12.5**	**10.1**	< 2.45	**4.63**	< 2.45	< 2.45	< 2.45	< 2.45	**8.67**	**25.9**	**28.5**	< 2.45
FHR Pine Bend MW-3	1/21/2010	Axys	**310**	**136**	**251**	**43.7**	**49.1**	< 2.48	< 2.48	< 2.48	< 2.48	**181**	**516**	**245**	< 2.48
FHR Pine Bend MW-111	1/21/2010	Axys	**156**	**7.58**	**3.62**	< 2.42	**3.92**	< 2.42	< 2.42	< 2.42	< 2.42	< 4.84	< 4.84	< 4.84	< 2.42
Kings Cove Marina, Hastings Fire															
Date of Foam Discharge:	October 2002														
Foam Usage	305 gallons														
Foam Brand:	3M														
Sample ID	**Sample Date**	**Laboratory**													
Kings Cove Marina SW-1	12/3/2009	MPI	**180**	**10.2**	**9.87**	**3.41**	**25.8**	< 2.5	< 2.5	< 2.5	< 2.5	**17.5**	**17.8**	**13.7**	< 2.5
Kings Cove Marina Dup (SW-1)	12/3/2009	MPI	**177**	**10.0**	**8.83**	**2.95**	**22.9**	< 2.5	< 2.5	< 2.5	< 2.5	**18.7**	**17.9**	**13.4**	<2.5
Kings Cove Marina SW-2	12/3/2009	MPI	**170**	**9.93**	**10.5**	**3.05**	**25.4**	< 2.5	< 2.5	< 2.5	< 2.5	**16.8**	**19.1**	**16.2**	< 2.5
Duluth International Airport															
Training Frequency:	unknown														
Last Training Event:	pre-2007														
Foam Usage per Training Event:	unknown														
Foam Brand:	3M and/or Chemguard														
Sample ID	**Sample Date**	**Laboratory**													
Duluth Intl. Airport GWS-1	10/2007	Axys	**2310**	**7160**	**13000**	**1340**	**4800**	< 45.7	< 45.7	< 45.7	< 45.7	**2000**	**626**	< 91.3	< 45.7
Duluth Intl. Airport GWS-2	10/2007	Axys	**482**	**1090**	**3590**	**534**	**4640**	**13.1**	< 12.4	< 12.4	< 12.4	**913**	**3440**	< 24.8	< 12.4
Duluth Intl. Airport Dup (GWS-2)	10/2007	Axys	**496**	**1250**	**4370**	**522**	**4250**	< 12.6	< 12.6	< 12.6	< 12.6	**953**	**3320**	< 25.2	< 12.6
Duluth Intl. Airport GWS-3	10/2007	Axys	**1900**	**6940**	**10800**	**1760**	**6790**	**88.5**	< 43.6	< 43.6	< 43.6	**2020**	**1690**	**98.8**	< 43.6
Duluth Intl. Airport GWS-4	10/2007	Axys	**1110**	**4780**	**11500**	**2000**	**8780**	< 31.9	< 31.9	< 31.9	< 31.9	**1630**	**4070**	< 63.8	< 31.9
Duluth Intl. Airport GWS-5	10/2007	Axys	**6.25**	**1.66**	**3.06**	**1.96**	**6.18**	< 0.991	< 0.991	< 0.991	< 0.991	**2.87**	**33.5**	**3.41**	< 0.991
Duluth Intl. Airport GWS-6	10/2007	Axys	**694**	**1750**	**2750**	**497**	**1500**	**14.8**	< 10.3	< 10.3	< 10.3	**776**	**1880**	< 20.6	< 10.3

TABLE 5

Groundwater and Surface Water Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000[2]**	**ND**	**ND**	**ND**	**300[3]**	**ND**	**ND**	**ND**	**ND**	**7000[2]**	**RAA[4]**	**300[3]**	**ND**
WAFTA, St. Bonifacius															
Training Frequency:	unknown														
Last Training Event:	6/12/1905														
Foam Usage per Training Event:	unknown														
Foam Brand:	unknown														
Sample ID	**Sample Date**	**Laboratory**													
WAFTA BG-2	5/11/2006	MDH	< 1000	< 1000	< 1000	NA	**1000**	NA	NA	NA	NA	< 500	**200[J]**	< 500	NA
WAFTA BG-4	5/11/2006	MDH	**800[J]**	**3200**	**2300**	NA	**2100**	NA	NA	NA	NA	< 500	**2100**	**2200**	NA
WAFTA MW-1	5/11/2006	MDH	< 1000	< 1000	**300[J]**	NA	**7400**	NA	NA	NA	NA	< 500	**200[J]**	< 500	NA
WAFTA MW-2	5/11/2006	MDH	**2400**	**8900**	**7800**	NA	**7900**	NA	NA	NA	NA	**600**	**9900**	**9500**	NA
WAFTA MW-3	5/10/2006	MDH	< 1000	< 1000	**300[J]**	NA	< 1000	NA	NA	NA	NA	**200[J]**	**5100**	**22000**	NA
WAFTA MW-4	5/10/2006	MDH	**9900**	**42000**	**30000**	NA	**43000**	NA	NA	NA	NA	**1500**	**42000**	**118000**	NA
WAFTA MW-4	5/10/2006	Exygen	**14100**	**66300**	**43600**	NA	**41100**	NA	NA	NA	NA	**1820**	**43800**	**114000**	NA
WAFTA MW-5	5/10/2006	MDH	< 1000	**200[J]**	**300[J]**	NA	**700[J]**	NA	NA	NA	NA	< 500	**700**	**2100**	NA
WAFTA MW-5	5/10/2006	Exygen	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 1000	< 1000	**1460**	NA
WAFTA MW-7	5/11/2006	MDH	**1200**	**3800**	**3400**	NA	**1000**	NA	NA	NA	NA	**200[J]**	**2300**	**3900**	NA
WAFTA MW-8	5/10/2006	MDH	**90[J]**	**400[J]**	**300[J]**	NA	**100[J]**	NA	NA	NA	NA	< 500	< 500	**1300**	NA
WAFTA MW-8	5/10/2006	Exygen	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 1000	< 1000	< 1000	NA
WAFTA MW-9	5/11/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	< 500	< 500	NA
WAFTA MW-10	5/10/2006	MDH	**700[J]**	**2000**	**2000**	NA	**2300**	NA	NA	NA	NA	**500**	**12000**	**27000**	NA
WAFTA MW-10	5/10/2006	Exygen	< 1000	**3350**	**3320**	NA	**2270**	NA	NA	NA	NA	< 1000	**11600**	**18400**	NA
WAFTA MW-11	5/10/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	< 500	< 500	NA
WAFTA MW-11	5/10/2006	Exygen	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 1000	< 1000	< 1000	NA
WAFTA MW-12	5/11/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	< 500	< 500	NA
WAFTA MW-13	5/10/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	**300[J]**	< 500	NA

TABLE 5
Groundwater and Surface Water Analytical Results, PFCs
Minnesota Fire Foam Training and Discharge Sites
Delta Project No. 19382DEL08

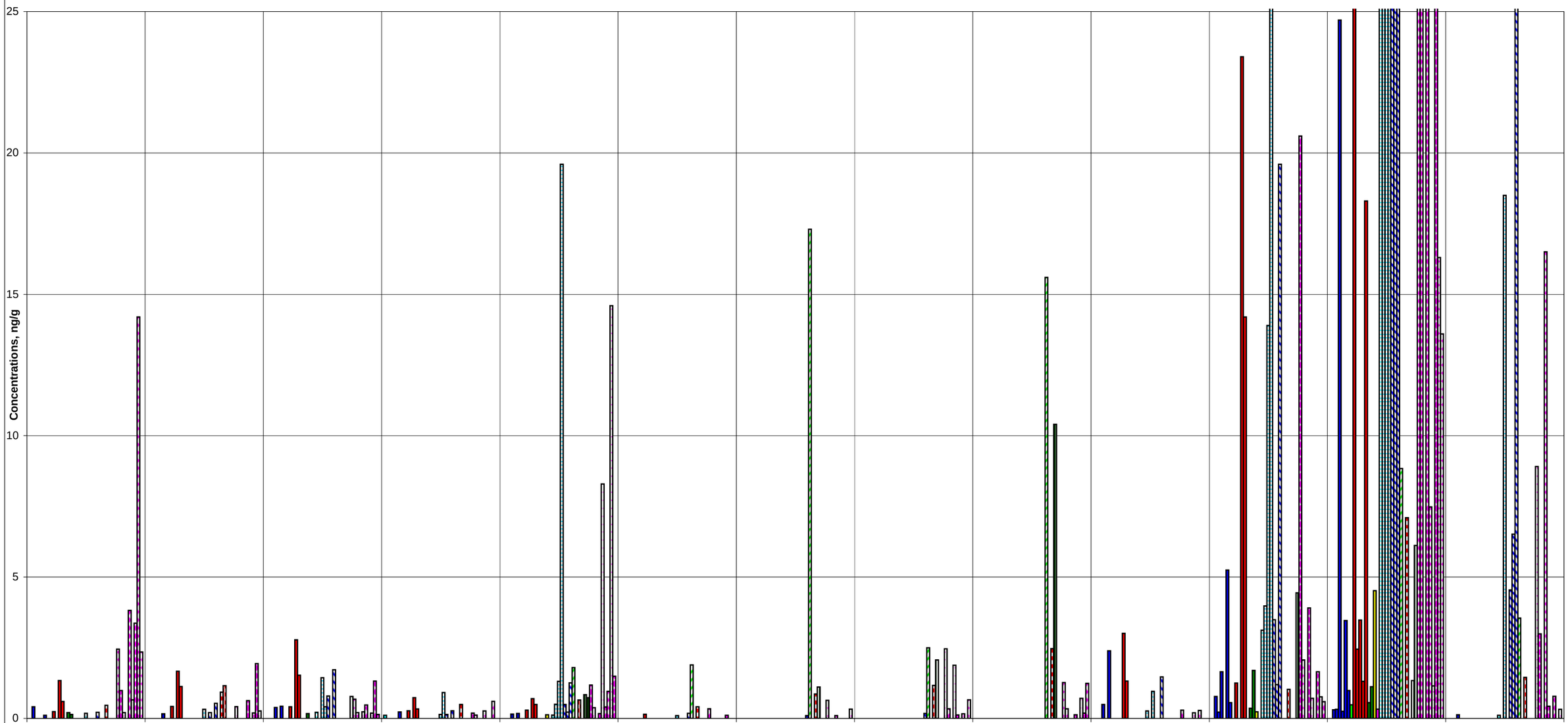
			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000[2]**	**ND**	**ND**	**ND**	**300[3]**	**ND**	**ND**	**ND**	**ND**	**7000[2]**	**RAA[4]**	**300[3]**	**ND**
Up North Plastics Fire															
Date of Foam Discharge:	December 2002														
Foam Usage	4,000 gallons or more														
Foam Brand:	uknown														
Sample ID	**Sample Date**	**Laboratory**													
Up North Plastics SW-1	7/16/2009	Axys	**1230**	**64.3**	**34.5**	**12**	**242**	< 2.52	< 2.52	< 2.52	< 2.52	**20.7**	**32.4**	< 5.04	< 2.52
Up North Plastics SW-2	7/16/2009	Axys	**436**	**36.1**	**26.9**	**9.43**	**78.3**	**3.37**	< 2.53	< 2.53	< 2.53	**9.42**	**7.4**	< 5.06	< 2.53
Up North Plastics SW Dup	7/16/2009	Axys	**572**	**39.4**	**28.1**	**9.92**	**87.5**	< 2.50	< 2.50	< 2.50	< 2.50	**10.3**	**10.8**	**7.64**	< 2.50
Up North Plastics Zywiec Irrigation Well 1	7/29/2009	MDH	**1242.3**	**51.4**	0	NA	0	NA	NA	NA	NA	0	0	0	NA
Up North Plastics Zywiec Irrigation Well 2	7/29/2009	MDH	**447**	0	0	NA	0	NA	NA	NA	NA	0	0	0	NA
Up North Plastics Zywiec Irrigation Well 3	7/29/2009	MDH	**2133.6**	**106.2**	**61**	NA	**55**	NA	NA	NA	NA	0	0	0	NA
Up North Plastics Smallidge	7/29/2009	MDH	**1046.3**	**51.6**	0	NA	**53.3**	NA	NA	NA	NA	0	0	0	NA

Notes:
All results and standards are in nanograms per liter (ng/L), which is equivalent to parts per trillion.
Axys: Axys Analytical Services LTD
MPI: MPI Research
MDH: Minnesota Department of Health Environmental Laboratory.
Exygen: Exygen Research
Bolded type indicates detection above the laboratory method detection limit.
Highlighted concentrations exceed the HBV or HRL.
(1) Last training event prior to sampling, dates are approximate
(2) Health-Based Value (HBV) for chronic exposure defined by the Minnesota Department of Health.
(3) Health Risk Limit (HRL) for drinking water defined by the Minnesota Department of Health.
(4) Risk Assessment Advise (RAA) set by the Minnesota Department of Health for PFHxS does not specify numeric values.
ND: No health-based limit defined.
(5) Manually Calculated Result is 18.9
(6) Manually Calculated Result is 17.1
(7) Manually Calculated Result is 23.3
(8) Manually Calculated Result is 21.7
(J) Analyte positively identified, result is below reporting limit and is estimated.
*Sample collected upgradient of fire foam training or discharge area, intended to act as "background" sample.
NA: Not analyzed

DELTA

GRAPHS

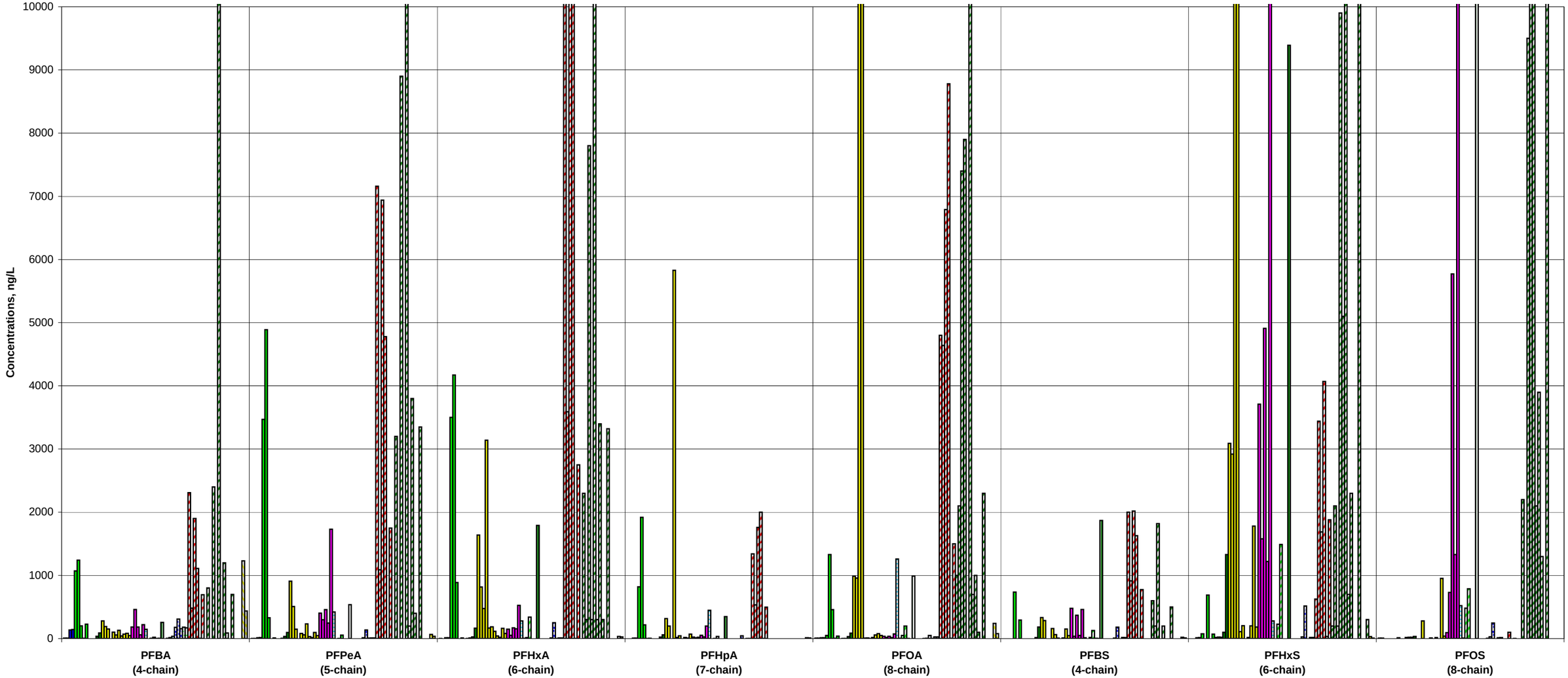
GRAPH 1
Soil and Sediment PFC Concentrations



NOTE: The PFHxS, PFOS, and/or PFOSA concentrations for the following samples are greater than 25 ng/g: Fridley B-10-4'; Bemidji B-1 1-4' and 4-8', and B-2 0-4' and 4-8'; ERTC SS-1, Sed-1, Sed-2; Up North Plastics Soil 1, Soil 2, Soil 4, and Sed 2.

Kenyon B-1 SL 0-4'	Claremont B-1 SL 0-4'	Claremont B-1 SL 4-8'	Claremont B-2 SL 0-4'	Claremont B-2 SL 4-8'	Claremont B-3 SL 0-4'	Claremont B-3 SL 4-8'
Luverne B-2 SL 0-4'	Fridley B-1 SL 0-4'	Fridley B-1 SL 4-8'	Fridley B-2 SL 0-4'	Fridley B-2 SL 4-8'	Fridley B-3 Sediment 6"	Rochester B-1 SL 0-4'
Rochester B-2 SL 0-4'	Richfield B-4 0-8'	Goodview Sed-1	Bemidji B-1 SL 0-4'	Bemidji B-1 SL 4-8'	Bemidji B-2 SL 0-4'	Bemidji B-2 SL 4-8'
ERTC SS-1	ERTC Sed-1	ERTC Sed-2	MSP Sed-1	Crystal SS-1	Crystal Sed-2	Kings Cove Marina Soil
Kings Cove Marina Sed 1	Kings Cove Marina Sed 2	Up North Plastics Soil 1	Up North Plastics Soil 2	Up North Plastics Soil 3	Up North Plastics Soil 4	Up North Plastics Soil 5
Up North Plastics Sed 1	Up North Plastics Sed 2	Up North Plastics Sed 3	Up North Plastics Sed 4			

GRAPH 2
Groundwater and Surface Water PFC Concentrations



Note: The PFBA, PFOA, PFHxS, and/or PFOS concentrations for the following samples are greater than 10,000 ng/L: MSP Airport B-3, MSP Airport B-4, Marathon MW-156, ERTC SW-1, WAFTA MW-3, WAFTA MW-4, and WAFTA MW-10.

Harmony B-1	Harmony B-2	No St Paul B-1	No St Paul B-2
Richfield B-1	Richfield B-2	Richfield B-3	Legion Lake SW-1
Richfield B-4	Luverne B-1	Luverne B-2	Luverne B-3
Fridley B-1	Fridley B-2	MSP Airport B-1	MSP Airport B-2
MSP Airport B-3	MSP Airport B-4	MSP Airport B-5	MSP Airport B-6
MSP Airport B-7	MSP Airport CWN-14A	MSP Airport CWN-15A	MSP Airport Signature MW-2
MSP SW-1	Marathon MW-101	*Marathon MW-912	Marathon SP-11
Marathon MW-172	Marathon MW-156	Burnsville B-3	Goodview SW-1
Bemidji B-1 GW	Bemidji B-2 GW	River Grove SW-1	River Grove SW-2
ERTC SW-1	Kandiyohi DMW-1A	Kandiyohi DMW-3	Crystal B-1
Crystal B-2	FHR Pine Bend MW-1	FHR Pine Bend MW-3	FHR Pine Bend MW-111
Kings Cove Marina SW-1	Kings Cove Marina SW-2	Duluth Intl. Airport GWS-1	Duluth Intl. Airport GWS-2
Duluth Intl. Airport GWS-3	Duluth Intl. Airport GWS-4	Duluth Intl. Airport GWS-5	Duluth Intl. Airport GWS-6
WAFTA BG-2	WAFTA BG-4	WAFTA MW-1	WAFTA MW-2
WAFTA MW-3	WAFTA MW-4	WAFTA MW-5	WAFTA MW-7
WAFTA MW-8	WAFTA MW-9	WAFTA MW-10	WAFTA MW-11
WAFTA MW-12	WAFTA MW-13	Up North Plastics SW-1	Up North Plastics SW-2

APPENDIX A

Best Practices Today for Class B Firefighting Foam

Best Practices Today for Class B Firefighting Foam

- Perfluorochemicals (PFCs) are a group of chemicals developed by 3M Corp for use in products to make them water repellent, stain-resistant, slippery and longer lasting.
- PFCs are not natural and do not seem to break down in the environment. Once in the environment, they may be taken up by living things, and build up (bioaccumulate) within the tissue of plants, animals and people.
- Scientists have been surprised to find PFCs in approximately 98% of all humans, including people in remote areas who have never had contact with the modern world. Studies in Minnesota have shown PFCs to be present in some ground and surface waters, air, soil and fish. Studies are underway to see if PFCs create health or developmental problems in people.
- PFCs are used in Class B firefighting foams to increase their effectiveness and make them long lasting.
- The Minnesota Pollution Control Agency (MPCA) is working on a study to understand the potential of firefighting foam as a source of PFCs in the environment. Soil and groundwater at approximately 20 firefighting training sites will be evaluated for PFCs. Minnesota Department of Health is sampling some municipal wells near foam training sites.
- Results from this work will be able late in 2009. MPCA, MnSCU Fire/EMS/Safety Center, and Fire Marshal's Office have developed guidelines for the training and use of Class B fire fighting foam until more answers on foam are known.

<u>Use of foam on fires and spills</u>

First, Class B firefighting foam has been a lifesaver. It is meant for flammable liquid fires and flammable liquid pools, or for combustible liquid fires. So use it if you have a flammable liquid like gasoline on fire or a big gasoline pool in a place where it could ignite or where it would do damage if it did ignite. Don't automatically use it for a diesel fuel spill, unless the diesel fuel is on fire or the situation is endangering life and property. Don't automatically blanket non-leaking flammable liquid tanks unless the situation really calls for it.

Second, don't use Class B foam on car fires, ordinary structure fires, wildland fires, or other inappropriate situations. Class A foams are meant for those situations, Class A foams are not thought to contain PFCs.

Foam training

Foam training sessions should include discussion of when foam use is necessary, when it can be helpful for safety, and when its use is inappropriate.

If possible, use training foams in training. Training foams are not thought to contain PFCs. Class B foam training should not be done near surface waters or storm sewer inlets which would allow foam to quickly drain to water.

PFCs can quickly pass through soil to groundwater. If your city has municipal wells your city water superintendent will have a map of the "well head protection area" which shows where the city's wells draw their water from. Training in those protection areas or in areas near private wells should be avoided. Train on soil where possible, and pick organic soils as opposed to sandy and gravelly soils if possible. That will increase the likelihood that PFCs in the foam are retained in the soil and don't quickly wash through to groundwater.

Foam types

There are many types of PFCs. Apparently all the AFFF type Class B foams have some PFC content of various types. Ethanol resistant AFFF foams apparently also contain types of PFCs. Class A foams are not thought to contain PFCs.

Firefighters' Health

Use foams to protect the public, your firefighters, and valuable property. There is no current concern that PFCs can enter firefighters' bodies by occasional skin contact or inhalation during firefighting or training.

Disposal

At this time the best disposal of Class B foams is to use it appropriately on Class B flammable liquid spills and fires. Liquids can't be put into the garbage. If Class B foam is sent down the sanitary sewer it will go to the city's wastewater treatment plant and the PFCs in the foam probably will pass straight on through to the river or lake without being broken down. So for now, the best advice is to store it safely where the containers won't get damaged until it gets used or until there are better disposal options available. That likely will be quite some time.

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PERFLUOROCARBON (PFC)-CONTAINING FIREFIGHTING FOAMS AND THEIR USE IN MINNESOTA: SURVEY AND SAMPLING ACTIVITIES, STATE FISCAL YEAR 2011

ANTEA GROUP PROJECT NO. 45618DEL04
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PERFLUOROCARBON (PFC)-CONTAINING FIREFIGHTING FOAMS AND THEIR USE IN MINNESOTA: SURVEY AND SAMPLING ACTIVITIES, STATE FISCAL YEAR 2011

1.0 INTRODUCTION

1.1 Purpose

Antea™ Group (formerly Delta Consultants) has worked under contract with the Minnesota Pollution Control Agency (MPCA) investigating perfluorochemicals in Class B firefighting foams and the use of Class B firefighting foams in Minnesota. Previous information regarding this investigation was presented in the following reports:

- Perfluorocarbon (PFC)-Containing Firefighting Foams and Their Use In Firefighting Training in Minnesota, dated June 30, 2008 (the June 2008 Report);
- Addendum to PFC-Containing Firefighting Foams and Their Use In Firefighting Training in Minnesota, dated October 22, 2008 (the October 2008 Addendum Report);
- Firefighting Training Area Site Reconnaissance, Pine Bend Flint Hills Refinery, Marathon Refinery, Burnsville Fire Training Center, and Site Access for 21 Fire Departments, dated April 3, 2009 (the April 2009 Report);
- Report of Site Reconnaissance and Sampling at Select Firefighting Foam Training Areas in Minnesota, dated June 30, 2009 (the June 2009 Report);
- Report of Investigation Activities at Select Firefighting Foam Training Areas and Foam Discharge Sites in Minnesota, dated February 10, 2010 (the February 2010 Report);
- Perfluorocarbon (PFC)-Containing Firefighting Foams and Their Use in Firefighting Training in Minnesota, dated June 30, 2010 (the June 2010 Report);
- Perfluorocarbon (PFC)-Containing Firefighting Foams and Their Use in Minnesota: Well Receptor Surveys and Follow-Up Sampling at Select Sites, dated November 15, 2010 (the November 2010 Report);
- Perfluorocarbon (PFC)-Containing Firefighting Foams and Their Use in Minnesota: Sampling at the Lake Superior College Emergency Response Training Center, Duluth, dated February 25, 2011 (the February 2011 Report); and,
- Perfluorocarbon (PFC)-Containing Firefighting Foams and Their Use in Minnesota: Sampling at the Hidden Harbor Marina, Burnsville Wetland, and Bemidji Private Wells dated May 13, 2011 (the May 2011 Report).

This report summarizes data and information for activities conducted for the "PFC/Firefighting Foam" project during the Minnesota State Fiscal Year of 2011.

1.2 Background

As a part of an overall investigation of PFCs in Minnesota, the MPCA and Minnesota Department of Health (MDH) have been investigating firefighting foams as a possible source of PFCs in the environment. Aqueous film-forming foam, or Class B AFFF, has a fluorochemical-based surfactant that rapidly forms a film across the fire surface, which prevents the release of flammable fuel vapors and excludes oxygen from the fuel surface. PFCs have been identified in soil,

sediment, surface water and groundwater samples collected from locations in Minnesota where various brands of Class B AFFF have been used repeatedly in training exercises or in large quantity to extinguish fires.

Municipal fire departments, fire departments at major oil refineries and airports in Minnesota, fire training schools in the State, and other knowledgeable persons were surveyed and interviewed regarding their use and knowledge of firefighting foams. Firefighting training sites and fire sites where Class B AFFF is or was used were ranked for their potential to release PFCs to the environment based on a number of criteria, including the following: the types and amounts of foam used, the frequency of the training events, the environmental setting of the site, and the presence of nearby receptors such as water supply wells and surface waters. The results of the survey and site ranking were presented in the June 2008 Report and October 2008 Addendum Report. Both reports are available on the MPCA website at www.pca.state.mn.us/cleanup/pfc/index.html.

Based on the site ranking, a number of firefighting training sites and fire sites where Class B AFFF was discharged were selected for further investigation. Additional investigation activities included site reconnaissance, in-depth interviews with knowledgeable persons, and/or sampling of potentially affected media including groundwater, soil, surface water and/or sediments. Information and data collected at these select sites were documented in the April 2009, June 2009, February 2010, June 2010, November 2010, February 2011 and May 2011 Reports. These reports are also available on the MPCA website. The investigation activities found that PFCs are present in the environment (soil, groundwater, surface water and/or sediment) at sites where Class B AFFF was discharged repeatedly in training exercises or where large amounts of Class B foam were utilized on Class B fires. The investigations have also identified PFCs in surface water or groundwater at concentrations above the State Health Risk Limits (HRLs) for drinking water at the following sites:

- a former firefighting training area behind the Richfield Ice Arena in Richfield;
- two former firefighting training areas at Minneapolis-St. Paul International (MSP) Airport;
- a firefighting training area at the Marathon Refinery in St. Paul Park;
- the Apple Valley-Burnsville-Lakeville-Eagan (ABLE) Training Center in Burnsville;
- a firefighting training area at the Bemidji Regional Airport; and,
- a firefighting training area at the Lake Superior College Emergency Response Training Center (ERTC) in Duluth.

PFC concentrations above the HRLs in groundwater were also identified by environmental consultants other than Antea Group at a former firefighting training area at the Duluth International Airport and at the Western Area Fire Training Academy (WAFTA) in St. Bonifacius. Sampling results for these sites are presented briefly in the June 2010 Report.

Laboratory results for all PFC sampling conducted in association with this PFC/Firefighting Foam project are summarized in **Table 1, *Groundwater and Surface Water PFC Analytical Results***, and **Table 2, *Soil and Sediment Analytical Results, PFCs and TOC (Total Organic Carbon)***.

One of the risks associated with PFCs in groundwater is to human health should a potable water well be drawing water from an impacted groundwater aquifer. The MPCA and MDH have worked together to identify public supply wells that may be at risk due to their proximity to firefighting foam training areas or large fire sites where Class B AFFF was discharged. The MDH has sampled water supply wells near several fire foam training areas and while low levels of some PFC compounds were detected in municipal well water samples, none of the water samples had PFC concentrations higher than the HRLs or State Health-Based Values (HBVs). Groundwater sampling conducted by the MDH is discussed briefly in the June 2010 Report.

Based on the presence of PFCs at levels above the HRLs in groundwater at the former firefighting training area in Richfield and the known presence of private water supply wells in the area, a receptor survey was conducted in the vicinity of the former training area in order to identify potential receptors of impacted groundwater. The survey identified several sealed and abandoned water supply wells and groundwater monitoring wells in the survey area, but no active water supply wells other than the municipal wells which were being sampled by MDH. Results of the receptor survey for the former firefighting training area in Richfield are presented in the February 2010 Report. Receptor survey results for the Duluth International Airport and the WAFTA site in St. Bonifacius are also briefly presented in the June 2010 Report.

In 2006 and 2007 a number of groundwater samples collected by the MPCA from multiple rural and urban locations in Minnesota were analyzed for PFCs as part of a State-wide monitoring effort of PFCs in the ambient environment. The results of that sampling and a comparison of groundwater data collected as part of the ambient sampling and the sampling done as part of the PFCs/Firefighting Foam project were presented in the June 2010 Report. Ambient sampling data is presented in the MPCA document *PFCs in Minnesota's Ambient Environment: 2008 Progress Report.*

At the end of the State Fiscal Year 2010, the following recommendations for additional work for the PFC/Firefighting Foam project were made in the June 2010 Report:

1. Conduct groundwater receptor surveys to evaluate risk at the following sites where PFOA and/or PFOS concentrations in groundwater exceeded the State HRLs:
    - Marathon Refinery in St. Paul Park
    - Bemidji Regional Airport
    - ABLE Training Center in Burnsville
    - Minneapolis-St. Paul International Airport (MSP)
2. Conduct a groundwater receptor survey to evaluate risk in the area of the Lake Superior College ERTC due to elevated PFOS and PFOA concentrations in the wetland adjacent to the training area.

3. Continue to monitor groundwater for PFCs at the existing monitoring well located downgradient of the fire site at the Kandiyohi County Landfill. Since the foam discharge occurred less than one year ago, it may take time for potential PFC impacts to migrate through the soil to the water table, and to migrate with groundwater to the location of monitoring well DMW-3. Consider installing a monitoring well closer to the site of the fire if site activities and land use nearer the fire site are conducive to the presence of a monitoring well.
4. At the time of sampling at Crystal Airport in January 2010, there was no water in Shingle Creek. Since PFCs were detected in a sediment sample collected on the downstream side of Crystal Airport, but none were detected in an upstream sediment sample, water samples should be collected at or near the locations of the previous sediment samples to test for PFCs in Shingle Creek adjacent to Crystal Airport.
5. Follow up with inquiries, and sampling if warranted, at any large fires that occur or have occurred where Class B AFFF is used extensively.

2.0 SCOPES OF WORK CONDUCTED IN STATE FISCAL YEAR 2011

As a result of finding PFCs at concentrations above the HRLs in groundwater or surface water at the sites identified in Section 1.2, receptor surveys were conducted in the vicinities of these sites in Fiscal Year 2011, except for the former firefighting training area in Richfield where a receptor survey was conducted in Fiscal Year 2010. The purpose of the receptor surveys was to identify potential receptors of PFC-impacted groundwater or surface water. Based on results of the receptor surveys, private wells near the Marathon Refinery, Bemidji Regional Airport, and Lake Superior College ERTC, and surficial water bodies near Lake Superior College ERTC and the ABLE Training Center, were sampled for PFCs.

Additional follow-up PFC sampling was also conducted in Fiscal Year 2011 at two sites: (1) groundwater samples were collected from two existing monitoring wells at the Kandiyohi County Landfill, where Class B AFFF was used on a fire in October 2009; and, (2) surface water and sediment samples were collected from Shingle Creek, adjacent to Crystal Airport.

2.1 Work Order SFDE1107-2

To address the recommendations included in the June 2010 Report, Antea Group performed the following scope of work under MPCA Work Order SFDE1107-2, dated July 23, 2010:

1. Conducted groundwater receptor surveys in the vicinity of current or former firefighting training sites at the following locations: Marathon Refinery in St. Paul Park; Bemidji Regional Airport; ABLE Training Center in Burnsville; MSP Airport; and, Lake Superior College ERTC in Duluth.
2. Conducted additional groundwater sampling from two existing wells at the Kandiyohi Landfill.
3. Conducted additional sediment and surface water sampling at Shingle Creek adjacent to the Crystal Airport in Crystal.

4. Prepared a report summarizing work performed as part of the scope of work (the November 2010 Report).

2.1.1 Groundwater Receptor Surveys

Groundwater receptor surveys conducted in the vicinity of the current or former firefighting training sites identified in Section 2.1 included the following activities:

- Walking surveys were conducted in order to identify all houses and businesses, surface water bodies, water wells, and any other features that may be a groundwater receptor. The walking surveys included the area within 500 feet upgradient and side-gradient of the sites and 1/2-mile downgradient of the sites. Hydrological resources used in determine groundwater flow directions at each of the sites are presented in the November 2010 Report.
- Information regarding the potable water source and water wells at the properties identified during the walking surveys was obtained from property owners or tenants. Information was obtained through personal interviews or via well survey questionnaires that were either left at a property or sent in the mail.
- Inquiries were made as necessary with the water supply utility regarding municipal water sources, municipal well locations, and the availability of municipal water in the area of the sites.
- The MDH County Well Index (CWI) was searched in order to identify registered water wells located within the survey areas.

Details and results for each of the receptor surveys are presented in the November 2010 Report. The November 2010 Report included references Findings of the surveys are summarized in **Table 3, *Well Receptor Summary for Select Firefighting Foam Training Sites in Minnesota***. The receptor surveys identified the following potential groundwater receptors:

- Marathon Refinery: As presented in the November 2010 Report, the inferred groundwater flow direction is generally to the southwest. An April 2008 groundwater elevation contour map prepared by URS in association with a petroleum release at the Marathon Refinery (unrelated to the firefighting foam area at the refinery) indicated a slightly more southerly groundwater flow direction at the southeast portion of the refinery property. Thus the receptor survey performed for this PFC/Firefighting Foam project included an area within 1/2-mile to the south and southwest of the firefighting training area at the refinery. A figure showing the October 2010 receptor survey area, inferred groundwater flow directions, returned well survey questionnaires, and a MDH CWI map of wells in the survey area and associated well logs are included as **Appendix A**.

  Of the eleven wells shown on the CWI map in the receptor survey area, eight are either monitoring wells, remedial wells, or abandoned wells. The remaining three wells mapped by the CWI, Unique Well nos.

441942, 576171, and 429870, are domestic wells registered to Willie Brown or Willie's Hidden Harbor. The well questionnaire survey identified five active water supply wells at or owned by the Hidden Harbor Marina. In addition to the three wells mentioned above Unique Well nos. 268354 and 559256 are registered to Harbor Village #2 and Willie's Hidden Harbor, respectively; however, these wells were not mapped on the CWI. According to the owner of the Hidden Harbor Marina, the five wells are used for a variety of purposes, including wash water and drinking water. The City of St. Paul Park confirmed that the Hidden Harbor Marina is not connected to the municipal water supply. The Hidden Harbor Marina is located approximately 0.3 miles south of the fire training area at Marathon Refinery. Discussion of sampling of the wells owned by the Hidden Harbor Marina is presented in **Section 2.3.1**.

The Mississippi River is located approximately 600 feet west of the firefighting training area at the Marathon Refinery. Previous sampling of water, sediments and fish tissue from the Mississippi River as part of the PFC/Firefighting Foam project and other unrelated State projects has identified PFCs in all sampled media. Therefore, the MPCA decided that additional sampling of surface water and sediment from the Mississippi River near the Marathon Refinery would not provide useful data for this project due to the previously identified presence of PFCs in the river and other regional PFC groundwater impacts associated with former 3M landfills in Washington County.

- Bemidji Regional Airport: As presented in the November 2010 Report, the regional groundwater flow direction in the area of the Bemidji Regional Airport is generally to the southeast. The initial receptor survey conducted in October 2010 identified one active water supply well within 1/2-mile downgradient of the Airport. The identified well is at the Kraus Anderson construction shop located to the southeast. However, review of the MDH CWI identified multiple residential wells located between 3/4-mile and 1 mile east and southeast of the firefighting training area at the Bemidji Regional Airport. An expansion of the receptor survey was conducted under a later Work Order, as discussed in **Section 2.3**.

  Grass Lake is located approximately 1/2-mile south-southwest of the firefighting foam training area at the Bemidji Regional Airport. According to personnel with the City of Bemidji Street Department, stormwater flow from the airport is ultimately routed to a wetland to the north of the Airport, thus, Grass Lake does not receive stormwater runoff from the Airport. A figure showing the October 2010 receptor survey area, inferred groundwater flow direction, returned well survey questionnaires, and a MDH CWI map of wells in the area and associated well logs are included as **Appendix B**. Discussion of the subsequent, expanded receptor survey is presented in **Section 2.3.3**.
- ABLE Training Center: As presented in the November 2010 Report, the regional groundwater flow direction in the area of the ABLE Training Center is generally to the northwest, toward the Minnesota River. A figure

showing the receptor survey area, completed well survey questionnaires, and a MDH CWI map of wells in the area of the ABLE Training Center and associated well logs are included as **Appendix C**. No active water supply wells were identified by the receptor survey, except for three municipal wells that were previously sampled twice by the MDH for PFCs. A wetland or pond located across Cliff Road from the ABLE Training Center was identified as a potential receptor for groundwater or stormwater runoff from the site.

- MSP Airport: As presented in the November 2010 Report, the regional groundwater flow direction in the area of MSP Airport is generally to the southeast, toward the Minnesota River. A figure showing the receptor survey area, inferred groundwater flow direction, and a MDH CWI map indicating the lack of wells within the survey area are included as **Appendix D**. No water supply wells or surface waters were identified within the receptor survey area. The Minnesota River is located approximately 1.8 miles southeast of the former firefighting training areas at MSP Airport.
- Lake Superior College ERTC: As presented in the November 2010 Report, the inferred groundwater flow direction in the area of the ERTC is generally to the south, toward the St. Louis River. However, localized features such as creeks that flow to the southeast and a historical gravel pit to the west may influence groundwater flow at the ERTC. Therefore the receptor survey included areas within 1/2-mile to the west and southeast. A figure showing the receptor survey area, inferred regional groundwater flow direction, completed well survey questionnaires, and a MDH CWI map of wells in the area of the ERTC are included as **Appendix E**. No well logs for the wells identified in the survey area were available on the CWI. Five active water supply wells were identified during the walking survey at nearby houses on Highway 23 in Duluth. One of the wells is shared by two houses. The City of Duluth Public Works Department confirmed that municipal water is not currently utilized by the identified houses. In addition, two creeks flow near the firefighting practice area at the ERTC, which apparently join up before flowing southward beneath Highway 23 to the backwater of the St. Louis River. One of the creeks appears to flow through a wetland located adjacent to the firefighting practice area. Sediments and surface waters of the wetland and creek were sampled previously.

Based on the results of the receptor surveys the following recommendations were made in the November 2010 Report:

- pursuit of access to the five wells at the Hidden Harbor Marina for PFC sampling;
- pursuit of access to the Kraus Anderson shop well in Bemidji for PFC sampling;
- completion of an expanded receptor survey to include private wells further east and southeast of the Bemidji Regional Airport;
- pursuit of access to the wetland or pond near the ABLE Training Center in Burnsville for PFC sampling of wetland surface water and sediment; and,

- pursuit of access to the residential wells near the Lake Superior College for PFC sampling, and access to the ERTC for follow-up surface water and sediment sampling for PFCs.

2.1.2 Follow-Up Sampling at Kandiyohi County Landfill

In October 2009 approximately 545 gallons of Class B AFFF were used on a fire at the Kandiyohi County Landfill. Groundwater samples were collected from existing landfill monitoring wells DMW-1A and DMW-3 in January 2010 and May 2010. Well DMW-1A is located upgradient of the fire area, and DMW-3 is located approximately 300 to 350 feet downgradient of the fire area. A figure illustrating the approximate area of the fire and the referenced monitoring wells is included in **Appendix F**. No PFCs were identified in either sample collected from DMW-1A, and only low levels of perflourobutanoic acid (PFBA) were found in the samples collected from DMW-3 (see **Table 1)**. Additional sampling was recommended in the June 2010 Report to assess groundwater conditions over time downgradient of the fire area.

Follow-up groundwater samples were collected from DMW-1A and DMW-3 on August 12, 2010, for PFC analysis. The samples were submitted to Axys Analytical Services for analysis of PFCs.

Laboratory analysis did not detect any PFCs in the (upgradient) DMW-1A sample and only a low concentration of PFBA in the (downgradient) DMW-3 sample, which is consistent with previous sampling results (see **Table 1**). Details of and results for the follow-up sampling at Kandiyohi County Landfill are presented in the November 2010 Report.

Continued groundwater sampling from DMW-1A and DMW-3 was recommended in the November 2010 Report. However, the MPCA decided that additional sampling was not warranted at that time since the nearest potential groundwater receptor is located approximately one-half mile southwest of the fire area at the landfill, and significant concentrations of PFCs have been not detected in DMW-3. With the passage of more time to allow for PFCs, if present, to reach the monitoring wells, re-sampling of DMW-1A and DMW-3 should be reconsidered.

2.1.3 Follow-Up Sampling at Shingle Creek

Interviews with responding municipal fire departments around the Crystal Airport in Crystal indicated that Class B AFFF may have been used in the past to respond to plane crash-related fires at the Crystal Airport. Generally, storm water runoff flows through various pathways and drainage ditches across the airport grounds to Shingle Creek. Shingle Creek flows along the east side of Crystal Airport to the southeast, emptying into Twin Lake. In a project unrelated to the PFC/Firefighting Foam project, PFCs were identified in fish samples collected from Twin Lake, including high levels of PFOS. The source of the PFOS in the fish collected from Twin Lake has not been identified to date.

Soil, groundwater, and sediment sampling for PFCs was conducted at Crystal Airport in January 2010 from several locations, including upstream and downstream locations in Shingle Creek adjacent to Crystal Airport. A figure showing the January 2010 sample locations is included in **Appendix G**. Due to the winter season and lack of water

in the creek, only sediment samples were collected from the Shingle Creek in January 2010. Sampling results identified several PFC compounds in the downstream sediment sample; PFCs were not detected above laboratory detection limits in the sediment sample collected from the upstream location in Shingle Creek (see **Table 2**). The January 2010 sampling event at Crystal Airport is presented in the February 2010 and June 1010 Reports. The June 2010 Report recommended surface water sampling and follow-up sediment sampling from Shingle Creek for PFCs.

Follow-up sediment samples and surface water samples were collected from Shingle Creek on October 1, 2010, from the same locations upstream and downstream of the Crystal Airport as the January 2010 samples. A figure showing the October 2010 sample locations is included in **Appendix G**. The samples were submitted to Axys Analytical Services for analysis of PFCs.

Laboratory results for surface water samples Crystal SW-1 (upstream sample) and Crystal SW-2 (downstream sample) detected concentrations of several PFC compounds; all of the concentrations were below the State HRLs (see **Table 1**). Although the HRLs are not necessarily applicable to the surface water in Shingle Creek, they are presented here and in Table 1 for comparison purposes only. The PFC concentrations detected in the upstream sample were slightly higher than those detected in the downstream sample. Details of the sampling and laboratory results for the surface water samples only are presented in the November 2010 Report; the laboratory results for the sediment sample were not available at the time of the November 2010 Report.

Laboratory results for the upstream and downstream sediment samples (Crystal Sed-3 and Crystal Sed-4, respectively) collected on October 1, 2010, were received after the November 2010 Report was finalized. Laboratory results are included in **Table 2**. Laboratory analysis did not detect any PFCs in the upstream Crystal Sed-3 sample. Low concentrations (less than 5 nanograms-per-gram (ng/g), which is roughly equivalent to parts-per-billion) of several PFC compounds were detected in the downstream Crystal Sed-4 sample. The PFC concentrations in Crystal Sed-4 were slightly lower than concentrations detected in downstream sample Crystal Sed-2 collected in January 2010. PFC concentrations in all sediment samples collected from Shingle Creek were below MPCA Tier 1 Soil Reference Values (SRVs). Although the Tier 1 SRVs are not necessarily applicable to sediments in Shingle Creek, they are presented here and in Table 2 for comparison purposes only.

Based on the relatively low concentrations of PFCs detected in sediment and surface water samples collected from Shingle Creek adjacent to Crystal Airport, no further sampling is recommended at this time.

2.2 Work Order SFDE1111

Antea Group performed the following scope of work under MPCA Work Order SFDE1111, dated October 20, 2010, based on results of the groundwater receptor survey and previous creek and wetland sampling at the Lake Superior College ERTC in Duluth:

1. An access agreement was implemented between the MPCA and Lake Superior College for additional PFC sampling of surface waters and sediments at the ERTC.

2. Access agreements were implemented between nearby well owners and the MPCA for PFC sampling of their water wells.
3. Surface water and sediment samples were collected at the ERTC from the wetland and the creek located adjacent to the ERTC fire training area for PFC analysis.
4. Water samples were collected from two of the (five) private water wells located within one-half mile of the ERTC for analysis of PFCs.
5. Sediment, surface water and well water samples were analyzed by a State-contracted laboratory for analysis of PFCs.
6. A report was prepared summarizing the work performed as part of the scope of work (the February 2010 Report).

2.2.1 Follow-up Sampling at Lake Superior College ERTC

Previous sampling in November 2009 of surface water and sediments from a wetland at the ERTC, as well as sampling of soil and creek sediment below the outfall for a 6-inch perforated pipe that runs beneath the fire training area identified PFC concentrations present in all of the media sampled (see **Tables 1 and 2**). A laboratory data table specific to samples collected at and in the vicinity of the ERTC is included in **Appendix H**. A Site Map showing sample locations at the ERTC is included in **Appendix H**. The concentrations of PFOA and PFOS detected in the surface water sample (ERTC SW-1) collected from the wetland were higher than the HRLs. Although the HRLs are not necessarily applicable to surface waters of the State, there was a concern that elevated concentrations of PFOA and PFOS could reach groundwater or a drinking water aquifer that is utilized by nearby water supply wells.

An access agreement between the MPCA and Lake Superior College was executed on November 8, 2010, allowing access for PFC sampling of a wetland and a creek at the ERTC. A copy of the access agreement is included in the February 2011 Report.

Sediment and surface water samples were collected by Antea Group on November 18, 2010, at or near the locations of previous sediment and surface water samples. Sample locations are shown on the Site Map included in Appendix H. In addition, a surface water sample was collected from the creek. Sediment and surface water samples collected from the wetland were labeled “ERTC Sed-3” and “ERTC SW-2”. The sediment and surface water samples collected from the creek were labeled “ERTC Sed-4” and “ERTC SW-3.” The samples were submitted to Axys Analytical Services for analysis of PFCs.

Laboratory analysis detected approximately similar PFC concentrations in ERTC Sed-4 as previous creek sediment sample ERTC Sed-1, and in ERTC Sed-3 as previous wetland sediment sample ERTC Sed-2 (see **Table 2**). PFC concentrations in all sediment samples, and soil sample ERTC SS-1 collected previously, were below MPCA Tier 1 SRVs. Although the Tier 1 SRVs are not necessarily applicable to soils and sediments at the ERTC, they are presented here and in Table 2 for comparison purposes only.

The PFC concentrations detected in wetland surface water sample SW-2 were lower than concentrations in the November 2009 wetland sample SW-1 (see **Table 1**). PFOS concentrations detected in both surface water samples SW-1 and SW-2 exceeded the HRL, with concentrations of 11,300 nanograms per liter (ng/L) and 7,640 ng/L, respectively. The PFOA concentration of 991 ng/L detected in the November 2009 SW-1 sample exceeded the HRL of 300 ng/L, but the PFOA concentration of 290 ng/L detected in SW-2 in November 2010 was below the HRL. The PFOS concentration of 7,630 ng/L detected in the creek surface water sample (ERTC-SW-3) also exceeded the HRL. Although the HRLs are not necessarily applicable to surface waters at the ERTC, they are presented here for comparison purposes only.

Details of and results for the follow-up sampling at Lake Superior College ERTC are presented in the February 2011 Report.

2.2.2 Well Sampling near Lake Superior College ERTC

The groundwater receptor survey conducted in September and October 2010 identified six residences within one-half mile of the ERTC that utilized drinking water from five private wells; two of the houses shared one well (see **Table 3**). The locations of the residences are shown on a map of the ERTC surrounding area included in **Appendix H**. The City of Duluth Public Works Department confirmed that the houses within the receptor survey area are not connected to the municipal water supply, but that a water main is available to one of the properties, at 11825 Highway 23.

Access agreements were sent to the owners of the identified residences with private wells, requesting access to their residences to collect water samples from private wells for analysis of PFCs. Three of the well owners provided access to the MPCA and Antea Group as their contractor to sample their wells. However, a sampling appointment for the residence at 11825 Highway 23 s was cancelled and was not rescheduled. Copies of the access agreements are included in the February 2011 Report.

On November 19, 2010, water samples were collected from private wells at two residences located within one-half mile of the Lake Superior College ERTC, at 10801 and 11601 Highway 23 in Duluth. The sample collected from the residence at 10801 Highway 23 was labeled “ERTC-10801,” and the sample collected at 11601 Highway 23 was labeled “ERTC-11601.” The samples were submitted to Axys Analytical Services for analysis of PFCs.

The only PFC compounds detected in the water well samples collected from the private water wells at 10801 and 11601 Highway 23 were PFOS and perfluorohexane sulfonate (PFHxS). The PFOS concentrations of 6.49 ng/L and 7.26 ng/L were below the HRL of 300 ng/L. The concentrations of PFHxS detected in the well water samples were 11.2 ng/L and 9.63 ng/L; the RAA for PFHxS does not include a numerical standard. All of the other PFC compounds were not detected above laboratory detection limits in either well water sample. Sample results are included on **Table 1**. Sample results were provided to the home owners.

Details of and results for the private well sampling associated with the Lake Superior College ERTC are presented in the February 2011 Report.

2.3 Work Order SFDE1113

Antea Group performed work under MPCA Work Order SFDE1113, dated November 30, 2010, based on results of the groundwater receptor surveys conducted in the vicinities of the firefighting training areas at the following locations: Marathon Refinery, Bemidji Regional Airport, and the ABLE Training Center. The scope of work performed under Work Order SFDE1113 included the following activities:

1. An access agreement was executed between the MPCA and the owner of the Hidden Harbor Marina to allow sampling of five water supply wells at the Marina for PFC analysis. Water samples were collected from these wells and submitted for laboratory analysis of PFCs.
2. An access agreement was executed between the MPCA and the City of Burnsville to allow surface water and sediment sampling for PFCs at the wetland or pond located on City property north of the ABLE Training Center. A surface water sample and a sediment sample were collected and submitted for laboratory analysis of PFCs.
3. A well receptor survey was conducted for the neighborhood located approximately 3/4-mile east of the Bemidji Regional Airport.
4. Access agreements were executed between the MPCA and select well owners in Bemidji for sampling of their water wells for PFCs. Water samples were collected from the select wells and submitted for laboratory analysis of PFCs.
5. A report was prepared summarizing the work performed as part of the scope of work (the May 2010 Report).

2.3.1 Sampling at the Hidden Harbor Marina

Sampling of select existing groundwater monitoring wells near and upgradient of the firefighting training area at the Marathon Refinery was conducted in August 2009. Laboratory analysis of five water samples plus one duplicate sample identified PFCs in all of the samples, including PFOS concentrations above the HRL. The laboratory analytical results are included in **Table 1**. Sampling at the Marathon Refinery is discussed in the February 2010 Report.

As discussed in **Section 2.1.1**, the groundwater receptor survey conducted in the vicinity of Marathon Refinery in October 2010 identified five water supply wells owned by the owner of the Hidden Harbor Marina, as follows:

- Unique Well No. 268354 at the marina workshop that is used for non-potable uses such as toilets and cleaning boats (labeled “Well A- Hidden Harbor” for sampling purposes).
- Unique Well No. 559256 at the marina that supplies water to the on-site restaurant and to marina boat customers (“Well B-Hidden Harbor”).
- A residential well located at the house associated with the marina. This house is currently being used as the shower house for marina customers. The unique well number for this well is unknown (“Well C-Hidden Harbor”).

- A residential well located at the house at 1001 Oak Street, just south of the marina. The unique well number for this well is unknown ("Well D-Hidden Harbor").
- Unique Well No. 429870 at the house at 115 10th Avenue West, just south of the marina ("Well E-Hidden Harbor").

Unique Well nos. 441942 and 576171 are likely associated with Well C and Well D, however, insufficient information was readily available to match up the physical wells with the unique well numbers. A figure showing the locations of the sampled wells at the Hidden Harbor Marina is included as **Appendix I**.

An access agreement between the MPCA and the owner of the Hidden Harbor Marina allowed for sampling of the above-identified wells. Water samples were collected from all five wells on March 3, 2011. The well samples were labeled as indicated above and submitted to Axys Analytical Services for analysis of PFCs.

Laboratory results for the well samples collected at the Hidden Harbor Marina are summarized on **Table 1**. Laboratory analysis detected low levels of perfluorinated carboxylic acids in three of the Hidden Harbor Marina well samples: the water well at the restaurant (Unique No. 559256/Well B), and the houses at 1001 Oak Street (Well D) and 115 10th Avenue West (Unique No. 429870/Well E). All detected PFC concentrations were below the HRL or other drinking water health-based values defined by the MDH (see **Table 1**). Sampling results were provided to the owner of the Hidden Harbor Marina.

The PFC compound that was detected above the HRL at the Marathon Refinery was PFOS, which is a perfluorinated sulfonate. No perfluorinated sulfonates were detected in any of the Hidden Harbor Marina well samples, only perfluorinated carboxylic acids were detected in the Hidden Harbor Marina well samples. Based on the different types of PFC compounds detected in the wells at the Marathon Refinery and the Hidden Harbor wells, the PFC impacts in groundwater at the Hidden Harbor Marina do not appear to be from the firefighting training area at the Marathon Refinery.

The City of St. Paul Park is included in an area of Washington County known to have low levels of PFC groundwater impacts associated with landfills where 3M wastes were historically dumped. Assessment and monitoring data associated with the 3M wastes in Washington County are available at the MPCA and MDH websites.

Details of and results of the Hidden Harbor Marina well sampling are presented in the May 2011 Report.

2.3.2 Sampling at Wetland Near the ABLE Training Center

Groundwater sampling was conducted at the ABLE Training Center in August 2009. A groundwater sample was collected from soil boring B-3. (Attempts to collect groundwater samples from borings B-1 and B-2 were unsuccessful.) Laboratory analysis of the groundwater sample (Burnsville B-3 GW 44.5 ft.) detected several PFCs in the sample, including PFOA and PFOS at concentrations above the HRL (see **Table 1**).

As discussed in **Section 2.1.1**, the groundwater receptor survey conducted in the vicinity of the ABLE Training Center did not identify any water supply wells except for the municipal wells already sampled by the MDH. A wetland or pond located across Cliff Road from the ABLE Training Center was identified as a potential receptor for storm water runoff. The wetland is on property owned by the City of Burnsville.

An access agreement executed between the MPCA and the City of Burnsville allowed for sampling of the surface water and sediment from the wetland for PFCs. A surface water sample (Burnsville Pond SW-1) and a sediment sample (Burnsville Pond Sed-1) were collected from the wetland on April 20, 2011. The sample locations are shown on a figure included as **Appendix J**. The well samples were submitted to Axys Analytical Services for analysis of PFCs.

The laboratory results for the surface water sample collected at the Burnsville wetland are included on **Table 1**. Low levels of perfluorinated carboxylic acids were detected in the surface water sample, at concentrations below the HRL or other drinking water health-based values defined by the MDH. The State drinking water criteria are not necessarily applicable to surface waters, but are discussed here for comparison purposes only. There are no surface water criteria for PFCs applicable to the sampled wetland in Burnsville. Details of the sampling from the Burnsville wetland, and laboratory results for the surface water sample only, are presented in the May 2011 Report; the laboratory results for the sediment sample were not available at the time of the May 2011 Report.

Laboratory results for the sediment sample collected from the Burnsville wetland were received after the May 2011 Report was finalized. Laboratory results are included in **Table 2**. Laboratory analysis detected relatively low concentrations of PFCs in the Burnsville Pond Sed-1 sample, at concentrations below the MPCA Tier 1 SRVs. Although the Tier 1 SRVs are not necessarily applicable to sediments at the wetland in Burnsville, they are presented here and in Table 2 for comparison purposes only.

The types of PFC compounds detected in soil and groundwater samples collected from soil borings at the ABLE Training Center are similar to those detected in the Burnsville Pond samples. The PFCs detected in the Burnsville pond/wetland may or may not be from the ABLE Training Center, as stormwater runoff entering the pond/wetland may be picking up PFCs from other potential sources in the area. An assessment of other potential PFC sources in the area was not completed as part of this project. Since the PFC concentrations in the Burnsville Pond samples were relatively low an assessment of other potential PFC sources in the area does not appear to be warranted at this time.

2.3.3 Expanded Well Survey and Sampling Near the Bemidji Regional Airport

Soil and groundwater sampling was conducted in November 2009 at the area in front of the fire station at the Bemidji Regional Airport, where the Bemidji Fire Department trains periodically with Class B AFFF. Soil and groundwater samples were collected from two soil borings, B-1 and B-2. Laboratory analysis of the groundwater samples identified several PFCs, including PFOS at concentrations above the HRL (see **Table 1**).

As discussed in Section 2.1.1, Antea Group conducted a groundwater receptor survey in October 2010 of the area located within one-half mile south and southeast of the training area at the Bemidji Airport. This initial receptor survey identified one active water supply well, the Kraus Anderson shop well. Information regarding the October 2010 receptor survey is presented in the November 2010 Report.

Other domestic water wells were known to exist outside the October 2010 receptor survey area. The MDH expressed some concern that shallow domestic wells located in a neighborhood between 3/4-mile and 1 mile east of the fire foam training area at the airport could potentially be impacted by the PFC groundwater impacts. Thus, a recommendation was made in the November 2010 Report to conduct a receptor survey in this area and sample a select number of wells identified in the survey.

Well survey letters were mailed to the owners of 33 properties in the neighborhood immediately east of the Bemidji Regional Airport in December 2010. Completed well surveys were returned by 17 well owners; the completed surveys identified 13 active wells in the neighborhood. A table summarizing all properties surveyed and survey responses received is included in **Appendix K**. A map showing the survey area is also included in **Appendix K**.

Of the thirteen active wells identified during the survey, six of the wells were selected for PFC sampling. The wells were selected so as to sample from varying depths and locations within the survey neighborhood. A seventh well, the well at the Kraus Anderson shop, was also selected for PFC sampling.

Access agreements between the MPCA and the selected seven well owners allowed for the sampling of their wells for PFCs. The wells were sampled on March 24, 2011, with the following exception: the well owner at 2120 Anne Street NW was not available on the day of sampling. The locations of the wells sampled are included on the map of the survey area included in **Appendix K**. A laboratory-supplied sample jar, nitrile sampling gloves, and cooler were left at 2120 Anne Street NW by Antea Group personnel on March 24, 2011. The property owner collected a sample from the well on March 29, 2011 and shipped the sample in the cooler provided to Antea Group. The well samples were labeled as follows:

- Bemidji 2021 Anne
- Bemidji 2326 Bardwell
- Bemidji 3481 Laurel
- Bemidji 2316 Bardwell
- Bemidji 2103 Anne
- Bemidji Kraus Anderson
- Bemidji 2120 Anne

Water samples were submitted to Axys Analytical Services for laboratory analysis of PFCs. Details of the sampling from the wells in Bemidji are presented in the May 2011 Report; the laboratory results for the water samples were not available at the time of the May 2011 Report.

Laboratory analysis of the well samples did not detect any PFCs in the following samples: Bemidji 2021 Anne, Bemidji 2326 Bardwell, Bemidji 3481 Laurel, and, Bemidji 2120 Anne. Low levels of PFBA were detected in the Bemidji 2316 Bardwell and Bemidji Kraus Anderson samples, at concentrations higher than PFBA levels detected in soil boring samples B-1 and B-2 collected at the airport. Low levels of PFHxS and PFOS were detected in the Bemidji 2103 Anne sample. All PFC concentrations detected were below the HRLs or HBVs. Laboratory results are included on **Table 1**.

The well at 2103 Anne Street NW is reportedly 55 feet deep; a search of the MDH CWI did not locate the well log. This is the only well sampled where PFOS was detected; PFOS is the PFC compound detected in groundwater above the HRL at the Bemidji Regional Airport borings. The wells at 2021 and 2120 Anne Street NW are located on adjoining properties to 2103 Anne Street NW and are both reportedly 30 feet deep; no PFCs were detected in either of these wells. The well at 2326 Bardwell Drive NW is reportedly 52 feet and is situated roughly between the firefighting training area at the Bemidji Regional Airport and the house at 2103 Anne Street NW and is of similar depth to the well at 2103 Anne Street NW; however, no PFCs were detected in the well sample collected at 2326 Bardwell Drive NW.

The data collected during this investigation is inconclusive in determining whether or not the PFCs detected in the wells at 2103 Anne Street NW, 2316 Bardwell Drive NW, and the Kraus Anderson shop are due to the discharge of Class B AFFF at the Bemidji Regional Airport.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 MSP Airport

No potential groundwater receptors were identified in the receptor survey area at MSP Airport. Antea Group recommends no further actions at this time with regards to PFCs in the soil and groundwater at the former fire training areas at MSP Airport.

3.2 Kandiyohi County Landfill

Three rounds of groundwater sampling have been collected from existing monitoring wells since the October 2009 fire at the Kandiyohi County Landfill. Laboratory analyses of the groundwater samples have detected similar concentrations of PFBA in DMW-3, which is presumably located downgradient of the site of the landfill fire. No other PFC compounds were detected in groundwater samples from DMW-3, and no PFCs have been detected in upgradient groundwater samples collected from DMW-1A.

At all of the firefighting foam training sites where groundwater was sampled as part of the PFC/Firefighting Foam investigation, foam training occurred either historically or over the course of several years time. There are no other sites besides the Kandiyohi County Landfill where groundwater was sampled so soon after the release of Class B AFFF, thus, there are no comparable sites to evaluate “breakthrough” data for PFC migration through soil and

groundwater to a monitoring point. The lack of significant concentrations of PFCs detected in groundwater at DMW-3 may be due to travel time associated with both the migration of PFC-containing Class B AFFF from the surface of the landfill where foam was discharged to the water table, and the transport of PFCs in groundwater to the location of DMW-3.

Antea Group recommends additional sampling of groundwater at DMW-1A and DMW-3 to continue monitoring for PFCs in groundwater associated with the October 2009 discharge of firefighting foam. If significant concentrations of PFCs are detected at DMW-3 in the future, sampling for PFCs at the private well located approximately 1/2-mile downgradient should be considered.

3.3 Crystal Airport

Based on the relatively low concentrations of PFCs detected in soil and groundwater samples collected at Crystal Airport and in sediment and surface water samples collected from Shingle Creek adjacent to Crystal Airport, no further sampling at Crystal Airport or Shingle Creek is recommended at this time.

3.4 Lake Superior College ERTC

Based on the sediment and water samples collecting during this assessment, the elevated levels of PFCs detected in the creek and wetland sediment and surface water samples at the ERTC do not appear to be impacting the nearby drinking water supply wells at or above drinking water standards. According to the former and current program supervisors at the ERTC, Class B AFFF is no long used in training. The former program supervisor interviewed as part of this PFC/Firefighting Foam investigation indicated Class B AFFF hadn't been used at the ERTC since approximately 1996. No further assessment of PFCs at the Lake Superior College ERTC is recommended at this time.

3.5 Marathon Refinery

Sampling results for the water well samples collected from the five wells at the Hidden Harbor Marina indicate concentrations of PFCs are below the State HRL or other drinking water health-based values defined by the MDH. Based on the type of PFC compounds detected in the wells at the Marathon Refinery and the Hidden Harbor wells, the PFC impacts in groundwater at the Hidden Harbor Marina do not appear to be from the firefighting training area at the Marathon Refinery. The Marathon Refinery's fire department switched from 3M Class B alcohol resistant (AR)-AFFF to Ansul-brand AR-AFFF in approximately 2000. Spent foam and water used at the fire training area at the refinery is routed via storm sewers to an on-site wastewater treatment plant. No further well sampling at Marathon Refinery or the Hidden Harbor Marina in association with the PFC/Firefighting Foam project is recommended at this time.

3.6 ABLE Training Center, Burnsville

Relatively low levels of PFCs were detected in the surface water and sediment samples collected from the pond or wetland located downgradient of the ABLE Training Center. According to fire department personnel from Apple Valley, Burnsville, Lakeville and Eagan interviewed during this PFC/Firefighting Foam investigation, Class B AFFF has

not been used at the ABLE Training Center since approximately 2004. No further sampling in association with PFCs identified at the ABLE Training Center in Burnsville is recommended at this time.

3.7 Bemidji Regional Airport

PFC concentrations detected in groundwater samples collected from nearby private wells were below the State HRL or other drinking water health-based values defined by the MDH. PFC concentrations detected in nearby municipal wells sampled by the MDH were also below the HRL or other drinking water health-based values. According to the training officer for the Bemidji Fire Department, they no longer train with Class B AFFF but use dish soap instead for training purposes. No further PFC sampling at the Bemidji Regional Airport or nearby wells appears warranted at this time.

3.8 Large Fire Sites

Sampling conducted as part of the MPCA's PFCs/Firefighting Foam investigation has identified PFCs in soil, groundwater, surface water and sediments at sites where significant quantities of Class B AFFF were discharged either repeatedly over time at a training site, or during a fire response. While the use of Class B AFFF is necessary and should be used to protect lives and property at a Class B fire, the release or migration of PFC-containing Class B AFFF to non-paved surfaces or surface water bodies will likely result in the release of PFCs to the environment. The release of PFC-containing Class B AFFF in or near environmentally sensitive areas such as Wellhead Protection Areas, areas with shallowly underlying karst bedrock, or lakes or streams may inadvertently provide an exposure pathway that may potentially impact human health via drinking water, direct exposure, or fish consumption. At large fire sites were significant quantities of Class B AFFF are discharged, the MPCA may want to assess the environmental setting, the presence of nearby surface waters, the presence of water supply wells in the area, and the potential risk posed to identified receptors. Water sample collection from private wells or surface water bodies for PFCs may be warranted dependent upon results of the assessment.

4.0 REMARKS

The recommendations contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group's client. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

Nancy Rodning
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Date: July 1, 2011

Reviewed by:

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Date: July 1, 2011

TABLES

TABLE 1
Groundwater and Surface Water PFC Analytical Results
Minnesota Fire Foam Training and Discharge Sites

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perfluorooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000**[1]	**ND**	**ND**	**ND**	**300**[2]	**ND**	**ND**	**ND**	**ND**	**7000**[1]	**RAA**[3]	**300**[2]	**ND**
Sample ID	**Date**	**Laboratory**													
Harmony B-1 GW	4/23/2009	Axys	**7.3**	**3.27**	**2.67**	< 2.49	**7**	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	**8.33**	< 2.49
Harmony B-2 GW	4/23/2009	Axys	**9.04**	**2.52**	< 2.46	< 2.46	**6.92**	< 2.46	< 2.46	< 2.46	< 2.46	< 4.92	< 4.92	**6.74**	< 2.46
No St Paul B-1 GW	5/6/2009	Axys	**137**	**13.3**	**13.2**	**8.83**	**13.8**	< 3.49	< 3.49	< 3.49	< 3.49	< 6.99	**14.1**	< 6.99	< 3.49
No St Paul B-2 GW	5/6/2009	Axys	**145**	**15.5**	**14.1**	**8.22**	**13.2**	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	**14.8**	< 5.01	< 2.50
Richfield B-1 GW	5/7/2009	Axys	**1070**	**3470**	**3500**	**819**	**50.3**	< 18.8	< 18.8	< 18.8	< 18.8	**737**	**76.2**	< 37.7	< 18.8
Richfield B-2 GW	5/7/2009	Axys	**1240**	**4890**	**4170**	**1920**	**1330**	< 91.4	< 91.4	< 91.4	< 91.4	< 183	< 183	< 183	< 91.4
Richfield B-3 GW	5/7/2009	Axys	**201**	**331**	**888**	**217**	**458**	< 66.7	< 66.7	< 66.7	< 66.7	**293**	**689**	< 133	< 66.7
Legion Lake SW-1	8/27/2009	Axys	**4.02**	<7.21	< 2.51	**3.55**	**5.69**	**3.63**	**3.92**	< 2.51	< 2.51	< 5.02	< 5.02	**13.2**	< 2.51
*Richfield B-4 GW 29 ft.	10/8/2009	Axys	**228**	**10.3**	**10.3**	**5.43**	**38.7**	< 2.48	< 2.48	< 2.48	< 2.48	< 4.96	**71.4**	< 4.96	< 2.48
Luverne B-1 GW 8 ft.	5/22/2009	Axys	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 2.53	< 5.05	**18.1**	< 5.05	< 2.53
Luverne B-1 GW 8 ft.	5/22/2009	MPI	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0[4]	<25.0	<25.0
Luverne B-2 GW 12 ft.	5/22/2009	Axys	< 2.55	< 2.55	**3.78**	< 2.55	**2.73**	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	**22.8**	**18.4**	< 2.55
Luverne B-2 GW 12 ft.	5/22/2009	MPI	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**25.1**	<25.0[6]	<25.0
Luverne B-3 GW 12 ft.	5/22/2009	Axys	< 2.53	**3.99**	**11.3**	< 2.53	**3.39**	< 2.53	< 2.53	< 2.53	< 2.53	< 5.07	**21.4**	**20.1**	< 2.53
Luverne B-3 GW 12 ft.	5/22/2009	MPI	<25.0	<25.0	<25.0[5]	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**28.8**	<25.0[7]	<25.0
Fridley B-1 GW	5/27/2009	Axys	**37.6**	**34**	**27.1**	**23.2**	**32.7**	< 4.27	< 4.27	< 4.27	< 4.27	**15.2**	**98.9**	**21.9**	< 4.27
Fridley B-2 GW	5/27/2009	Axys	**88.3**	**97.2**	**166**	**59.5**	**86.8**	< 5.39	< 5.39	< 5.39	< 5.39	**182**	**1330**	**35**	< 5.39
MSP Airport B-1 GW	5/29/2009	Axys	**279**	**909**	**1640**	**317**	**988**	**42**	< 41.2	< 41.2	< 41.2	**332**	**3090**	< 82.5	< 41.2
MSP Airport B-2 GW	5/29/2009	Axys	**190**	**507**	**817**	**198**	**958**	< 48.8	< 48.8	< 48.8	< 48.8	**286**	**2920**	< 97.6	< 48.8
MSP Airport B-3 GW	5/29/2009	Axys	**151**	**148**	**477**	< 135	**12000**	< 135	< 135	< 135	< 135	< 269	**21200**	**281**	< 135
MSP Airport B-4 GW	5/29/2009	Axys	< 1250	< 1250	**3140**	**5830**	**286000**	< 1250	< 1250	< 1250	< 1250	< 2500	**145000**	< 2500	< 1250
*MSP Airport B-5 GW	1/19/2010	Axys	**103**	**81.3**	**168**	**17.5**	**7.29**	< 2.63	< 2.63	< 2.63	< 2.63	160	110	< 5.26	< 2.63
*MSP Airport B-6 GW	1/19/2010	Axys	**58.6**	**60.4**	**187**	**44.6**	**11.2**	< 2.55	< 2.55	< 2.55	< 2.55	**64.1**	**204**	**11**	< 2.55
*MSP Airport B-7 GW	1/19/2010	Axys	**130**	**233**	**114**	< 2.53	**3.77**	< 2.53	< 2.53	< 2.53	< 2.53	**7.77**	< 5.05	< 5.05	< 2.53
CWN-14A GW	1/19/2010	Axys	**40.9**	**32.3**	**42.2**	**17.8**	**19.1**	< 2.54	< 2.54	< 2.54	< 2.54	< 5.07	**19.3**	**15.6**	< 2.54
CWN-15A GW	1/19/2010	Axys	**72**	**15.3**	**20.2**	**7.27**	**56.9**	< 2.75	< 2.75	< 2.75	< 2.75	**9.45**	**202**	< 5.50	< 2.75
Signature MW-2 GW	1/19/2010	Axys	**83.7**	**96.8**	**162**	**69.7**	**79.5**	< 6.57	< 5.40	< 5.40	< 5.40	**151**	**1780**	**953**	< 5.40

TABLE 1
Groundwater and Surface Water PFC Analytical Results
Minnesota Fire Foam Training and Discharge Sites

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perfluorooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000(1)**	**ND**	**ND**	**ND**	**300(2)**	**ND**	**ND**	**ND**	**ND**	**7000(1)**	**RAA(3)**	**300(2)**	**ND**
Sample ID	**Date**	**Laboratory**													
MSP SW-1	1/19/2010	Axys	**46.8**	**46**	**82.1**	**24.6**	**50.1**	**13.4**	**13.9**	< 2.46	< 2.46	**46.5**	**184**	**39**	< 2.46
Marathon MW-101	8/20/2009	MPI	**183**	**403**	**150**	**12.4**	**36.7**	<2.5	<2.5	<2.5	<2.5	**479**	**3710**	**93.2**	<2.5
*Marathon MW-912	8/20/2009	MPI	**462**	**298**	**51.5**	**21.8**	**17.5**	<2.5	<2.5	<2.5	<2.5	**37.0**	**1580**	**731**	<2.5
Marathon SP-11	8/20/2009	MPI	**182**	**458**	**171**	**52.2**	**35.6**	**20.7**	<2.5	<2.5	<2.5	**369**	**4910**	**5770**	<2.5
Marathon MW-172	8/20/2009	MPI	**59.8**	**245**	**154**	**25.1**	**15.5**	**11.4**	<2.5	<2.5	<2.5	**49.0**	**1220**	**1330**	<2.5
Marathon MW-156	8/20/2009	MPI	**220**	**1730**	**527**	**200**	**73.1**	**26.9**	<2.5	**2.58**	<2.5	**462**	**10500**	**14900**	<2.5
Marathon MW-156 Dupl.	8/20/2009	MPI	**221**	**1660**	**534**	**184**	**81.4**	**23.7**	<2.5	**2.93**	<2.5	**502**	**8930**	**11700**	**2.62**
Well A - Hidden Harbor	3/3/2011	Axys	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.02	< 5.02	< 5.02	< 2.51
Well B - Hidden Harbor	3/3/2011	Axys	**94.3**	**3.11**	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Well C - Hidden Harbor	3/3/2011	Axys	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.03	< 5.03	< 5.03	< 2.51
Well D - Hidden Harbor	3/3/2011	Axys	**965**	**67.5**	**34.4**	< 11.8	**61.5**	< 11.8	< 11.8	< 11.8	< 11.8	< 23.5	< 23.5	< 23.5	< 11.8
Well E - Hidden Harbor	3/3/2011	Axys	**542**	< 16.5	< 16.5	< 16.5	< 16.5	< 16.5	< 16.5	< 16.5	< 16.5	< 33.1	< 33.1	< 33.1	< 16.5
Burnsville B-3 GW 44.5 ft.	8/27/2009	Axys	**146**	**422**	**281**	**447**	**1260**	**81.7**	**17.8**	< 2.52	< 2.52	**12.8**	**279**	**522**	< 2.52
Burnsville Pond SW-1	4/20/2011	Axys	**10.8**	< 2.55	< 2.55	**2.82**	**4.16**	< 2.55	< 2.55	< 2.55	< 2.55	< 5.10	< 5.10	< 5.10	< 2.55
Goodview SW-1	10/19/2009	Axys	< 2.53	< 2.53	**4.78**	< 2.53	**4.49**	**2.56**	**2.82**	< 2.53	< 2.53	< 5.06	< 5.06	**8.19**	< 2.53
Bemidji B-1 GW 15 ft.	11/5/2009	Axys	**4.14**	**3.85**	**14.5**	**3.75**	**49**	< 2.50	< 2.50	< 2.50	< 2.50	**19.1**	**227**	**483**	< 2.50
Bemidji B-2 GW 15 ft.	11/5/2009	Axys	**21.1**	**55.5**	**340**	**33.8**	**200**	< 12.2	< 12.2	< 12.2	< 12.2	**129**	**1490**	**789**	< 12.2
Bemidji 2021 Anne	3/24/2011	Axys	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 4.99	< 4.99	< 4.99	< 2.50
Bemidji 2326 Bardwell	3/24/2011	Axys	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.91	< 4.91	< 4.91	< 2.46
Bemidji 3481 Laurel	3/24/2011	Axys	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 2.52	< 5.05	< 5.05	< 5.05	< 2.52
Bemidji 2316 Bardwell	3/24/2011	Axys	**5.04**	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 5.12	< 5.12	< 5.12	< 2.56
Bemidji 2103 Anne	3/24/2011	Axys	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.96	**6.52**	**5.76**	< 2.48
Bemidji Kraus Anderson	3/24/2011	Axys	**6.68**	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.02	< 5.02	< 5.02	< 2.51
Bemidji 2120 Anne	3/29/2011	Axys	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.97	< 4.97	< 4.97	< 2.48
River Grove SW-1	11/18/2009	MPI	**3.54**	<2.5	<2.5	<2.5	**2.79**	<2.5	<2.5	<2.5	<2.5	**4.00**	<2.5	<2.5	<2.5
*River Grove SW-2	11/18/2009	MPI	**4.23**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**3.43**	<2.5	<2.5	<2.5

TABLE 1
Groundwater and Surface Water PFC Analytical Results
Minnesota Fire Foam Training and Discharge Sites

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perfluorooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000(1)**	**ND**	**ND**	**ND**	**300(2)**	**ND**	**ND**	**ND**	**ND**	**7000(1)**	**RAA(3)**	**300(2)**	**ND**
Sample ID	**Date**	**Laboratory**													
ERTC SW-1	11/25/2009	Axys	**257**	**537**	**1790**	**348**	**991**	**31.8**	**3.45**	< 2.51	< 2.51	**1870**	**9390**	**11300**	**360**
ERTC SW-2	11/18/2010	Axys	**76.8**	**144**	**476**	**66.2**	**290**	**22.4**	< 2.49	< 2.49	< 2.49	**315**	**2630**	**7640(1)**	**134(1)**
ERTC SW-3	11/18/2010	Axys	**35**	**62.8**	**366**	**39.5**	**234**	**5.62**	< 2.49	< 2.49	< 2.49	**135**	**1510**	**7630**	**385**
ERTC-10801	11/29/2010	Axys	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	**11.2**	**6.49**	< 2.50
ERTC-11601	11/29/2010	Axys	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 4.95	**9.63**	**7.26**	< 2.47
Kandiyohi DMW-1A	1/12/2010	Axys	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.87	< 4.87	< 4.87	< 2.43
Kandiyohi DMW-3	1/12/2010	Axys	**6.1**	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.01	< 5.01	< 5.01	< 2.51
Kandiyohi DMW-1A	5/4/2010	Axys	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.99	< 4.99	< 4.99	< 2.49
Kandiyohi DMW-3	5/4/2010	Axys	**11**	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 4.98	< 4.98	< 2.49
Kandiyohi DMW-1A	8/12/2010	Axys	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 5.09	< 5.09	< 5.09	< 2.54
Kandiyohi DMW-3	8/12/2010	Axys	**7.61**	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 4.95	< 4.95	< 2.48
Crystal B-1 GW 5.5 ft.	1/20/2010	Axys	**16.2**	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 2.56	< 5.12	< 5.12	< 5.12	< 2.56
Crystal B-2 GW 6 ft.	1/20/2010	Axys	**37.3**	< 2.50	< 2.50	< 2.50	**2.65**	< 2.50	< 2.50	< 2.50	< 2.50	< 5.01	< 5.01	**5.27**	< 2.50
Crystal SW-1	10/1/2010	Axys	**35.7**	**5.54**	**5.62**	**3.31**	**6.28**	< 2.48	< 2.48	< 2.48	< 2.48	< 4.97	< 4.97	**8.18**	< 2.48
Crystal SW-2	10/1/2010	Axys	**25.4**	**4.58**	**4.91**	< 2.58	**5.95**	< 2.58	< 2.58	< 2.58	< 2.58	< 5.16	< 5.16	< 5.16	< 2.58
*FHR Pine Bend MW-1	1/21/2010	Axys	**179**	**12.5**	**10.1**	< 2.45	**4.63**	< 2.45	< 2.45	< 2.45	< 2.45	**8.67**	**25.9**	**28.5**	< 2.45
FHR Pine Bend MW-3	1/21/2010	Axys	**310**	**136**	**251**	**43.7**	**49.1**	< 2.48	< 2.48	< 2.48	< 2.48	**181**	**516**	**245**	< 2.48
FHR Pine Bend MW-111	1/21/2010	Axys	**156**	**7.58**	**3.62**	< 2.42	**3.92**	< 2.42	< 2.42	< 2.42	< 2.42	< 4.84	< 4.84	< 4.84	< 2.42
Kings Cove Marina SW-1	12/3/2009	MPI	**180**	**10.2**	**9.87**	**3.41**	**25.8**	< 2.5	< 2.5	< 2.5	< 2.5	**17.5**	**17.8**	**13.7**	< 2.5
Kings Cove Marina Dup (SW-1)	12/3/2009	MPI	**177**	**10.0**	**8.83**	**2.95**	**22.9**	< 2.5	< 2.5	< 2.5	< 2.5	**18.7**	**17.9**	**13.4**	<2.5
Kings Cove Marina SW-2	12/3/2009	MPI	**170**	**9.93**	**10.5**	**3.05**	**25.4**	< 2.5	< 2.5	< 2.5	< 2.5	**16.8**	**19.1**	**16.2**	< 2.5
Duluth Intl. Airport GWS-1	10/2007	Axys	**2310**	**7160**	**13000**	**1340**	**4800**	< 45.7	< 45.7	< 45.7	< 45.7	**2000**	**626**	< 91.3	< 45.7
Duluth Intl. Airport GWS-2	10/2007	Axys	**482**	**1090**	**3590**	**534**	**4640**	**13.1**	< 12.4	< 12.4	< 12.4	**913**	**3440**	< 24.8	< 12.4
Duluth Intl. Airport Dup (GWS-2)	10/2007	Axys	**496**	**1250**	**4370**	**522**	**4250**	< 12.6	< 12.6	< 12.6	< 12.6	**953**	**3320**	< 25.2	< 12.6
Duluth Intl. Airport GWS-3	10/2007	Axys	**1900**	**6940**	**10800**	**1760**	**6790**	**88.5**	< 43.6	< 43.6	< 43.6	**2020**	**1690**	**98.8**	< 43.6
Duluth Intl. Airport GWS-4	10/2007	Axys	**1110**	**4780**	**11500**	**2000**	**8780**	< 31.9	< 31.9	< 31.9	< 31.9	**1630**	**4070**	< 63.8	< 31.9
Duluth Intl. Airport GWS-5	10/2007	Axys	**6.25**	**1.66**	**3.06**	**1.96**	**6.18**	< 0.991	< 0.991	< 0.991	< 0.991	**2.87**	**33.5**	**3.41**	< 0.991

TABLE 1
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Minnesota Fire Foam Training and Discharge Sites

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000(1)**	**ND**	**ND**	**ND**	**300(2)**	**ND**	**ND**	**ND**	**ND**	**7000(1)**	**RAA(3)**	**300(2)**	**ND**
Sample ID	**Date**	**Laboratory**													
Duluth Intl. Airport GWS-6	10/2007	Axys	**694**	**1750**	**2750**	**497**	**1500**	**14.8**	< 10.3	< 10.3	< 10.3	**776**	**1880**	< 20.6	< 10.3
WAFTA BG-2	5/11/2006	MDH	< 1000	< 1000	< 1000	NA	**1000**	NA	NA	NA	NA	< 500	**200(J)**	< 500	NA
WAFTA BG-4	5/11/2006	MDH	**800(J)**	**3200**	**2300**	NA	**2100**	NA	NA	NA	NA	< 500	**2100**	**2200**	NA
WAFTA MW-1	5/11/2006	MDH	< 1000	< 1000	**300(J)**	NA	**7400**	NA	NA	NA	NA	< 500	**200(J)**	< 500	NA
WAFTA MW-2	5/11/2006	MDH	**2400**	**8900**	**7800**	NA	**7900**	NA	NA	NA	NA	**600**	**9900**	**9500**	NA
WAFTA MW-3	5/10/2006	MDH	< 1000	< 1000	**300(J)**	NA	< 1000	NA	NA	NA	NA	**200(J)**	**5100**	**22000**	NA
WAFTA MW-4	5/10/2006	MDH	**9900**	**42000**	**30000**	NA	**43000**	NA	NA	NA	NA	**1500**	**42000**	**118000**	NA
WAFTA MW-4	5/10/2006	Exygen	**14100**	**66300**	**43600**	NA	**41100**	NA	NA	NA	NA	**1820**	**43800**	**114000**	NA
WAFTA MW-5	5/10/2006	MDH	< 1000	**200(J)**	**300(J)**	NA	**700(J)**	NA	NA	NA	NA	< 500	**700**	**2100**	NA
WAFTA MW-5	5/10/2006	Exygen	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 1000	< 1000	**1460**	NA
WAFTA MW-7	5/11/2006	MDH	**1200**	**3800**	**3400**	NA	**1000**	NA	NA	NA	NA	**200(J)**	**2300**	**3900**	NA
WAFTA MW-8	5/10/2006	MDH	**90(J)**	**400(J)**	**300(J)**	NA	**100(J)**	NA	NA	NA	NA	< 500	< 500	**1300**	NA
WAFTA MW-8	5/10/2006	Exygen	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 1000	< 1000	< 1000	NA
WAFTA MW-9	5/11/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	< 500	< 500	NA
WAFTA MW-10	5/10/2006	MDH	**700(J)**	**2000**	**2000**	NA	**2300**	NA	NA	NA	NA	**500**	**12000**	**27000**	NA
WAFTA MW-10	5/10/2006	Exygen	< 1000	**3350**	**3320**	NA	**2270**	NA	NA	NA	NA	< 1000	**11600**	**18400**	NA
WAFTA MW-11	5/10/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	< 500	< 500	NA
WAFTA MW-11	5/10/2006	Exygen	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 1000	< 1000	< 1000	NA
WAFTA MW-12	5/11/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	< 500	< 500	NA
WAFTA MW-13	5/10/2006	MDH	< 1000	< 1000	< 1000	NA	< 1000	NA	NA	NA	NA	< 500	**300(J)**	< 500	NA
Up North Plastics SW-1	7/16/2009	Axys	**1230**	**64.3**	**34.5**	**12**	**242**	< 2.52	< 2.52	< 2.52	< 2.52	**20.7**	**32.4**	< 5.04	< 2.52
Up North Plastics SW-2	7/16/2009	Axys	**436**	**36.1**	**26.9**	**9.43**	**78.3**	**3.37**	< 2.53	< 2.53	< 2.53	**9.42**	**7.4**	< 5.06	< 2.53
Up North Plastics SW Dup	7/16/2009	Axys	**572**	**39.4**	**28.1**	**9.92**	**87.5**	< 2.50	< 2.50	< 2.50	< 2.50	**10.3**	**10.8**	**7.64**	< 2.50
Up North Plastics Zywiec Irrigation Well 1	7/29/2009	MDH	**1242.3**	**51.4**	0	NA	0	NA	NA	NA	NA	0	0	0	NA
Up North Plastics Zywiec Irrigation Well 2	7/29/2009	MDH	**447**	0	0	NA	0	NA	NA	NA	NA	0	0	0	NA
Up North Plastics Zywiec Irrigation Well 3	7/29/2009	MDH	**2133.6**	**106.2**	**61**	NA	**55**	NA	NA	NA	NA	0	0	0	NA

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Minnesota Fire Foam Training and Discharge Sites

			Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perfluorooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:			**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Health-Based Limits:			**7000(1)**	**ND**	**ND**	**ND**	**300(2)**	**ND**	**ND**	**ND**	**ND**	**7000(1)**	**RAA(3)**	**300(2)**	**ND**
Sample ID	**Date**	**Laboratory**													
Up North Plastics Smallidge	7/29/2009	MDH	**1046.3**	**51.6**	0	NA	**53.3**	NA	NA	NA	NA	0	0	0	NA

Notes:
All results and standards are in nanograms per liter (ng/L), which is equivalent to parts per trillion.
Axys: Axys Analytical Services LTD
MPI: MPI Research
MDH: Minnesota Department of Health Environmental Laboratory.
Exygen: Exygen Research
Bolded type indicates detection above the laboratory method detection limit.
Highlighted concentrations exceed the Health-Based Limit.
(1) Health-Based Value (HBV) for chronic exposure defined by the Minnesota Department of Health.
(2) Health Risk Limit (HRL) for drinking water defined by the Minnesota Department of Health.
(3) Risk Assessment Advice (RAA) set by the Minnesota Department of Health for PFHxS does not specify numeric values.
ND: No health-based limit defined.
(4) Manually Calculated Result is 18.9
(5) Manually Calculated Result is 17.1
(6) Manually Calculated Result is 23.3
(7) Manually Calculated Result is 21.7
(J) Analyte positively identified, result is below reporting limit and is estimated.
*Sample collected upgradient of fire foam training or discharge area, intended to act as "background" sample.
NA: Not analyzed

TABLE 2
Soil and Sediment Analytical Results, PFCs and TOC
Minnesota Fire Foam Training and Discharge Sites

				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)	Mean Total Organic Carbon (TOC)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**	**-**
Tier 1 Residential SRV:				**77000**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**
Tier 2 Recreational SRV:				**94000**	**ND**	**ND**	**ND**	**2500**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2600**	**ND**	**ND**
Tier 2 Industrial SRV:				**500000**	**ND**	**ND**	**ND**	**13000**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**14000**	**ND**	**ND**
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**														
Harmony B-1 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.0955	< 0.191	< 0.191	< 0.191	< 0.0955	3230
Harmony B-1 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.201	< 0.201	< 0.201	< 0.101	1720
Harmony B-2 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.0947	< 0.189	< 0.189	< 0.189	< 0.0947	6150
Harmony B-2 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.192	< 0.192	< 0.192	< 0.0962	1260
Harmony B-3 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0977	**0.2**	< 0.0977	**0.161**	< 0.0977	**0.125**	< 0.0977	< 0.0977	< 0.0977	< 0.195	< 0.195	< 0.195	< 0.0977	2380
Harmony B-3 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.0950	< 0.190	< 0.190	< 0.190	< 0.0950	1770
Harmony B-4 SL 0-4'	0-4 ft.	4/23/2009	Axys	< 0.0989	**0.253**	**0.133**	**0.15**	< 0.0989	< 0.0989	< 0.0989	< 0.0989	< 0.0989	< 0.198	< 0.198	< 0.198	< 0.0989	2380
Harmony B-4 SL 4-8'	4-8 ft.	4/23/2009	Axys	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.200	< 0.200	< 0.200	< 0.100	1500
Burnsville B-1 SL 0-4'	0-4 ft.	4/24/2009	Axys	**1.73**	**5.32**	**3.27**	**6.72**	**11.4**	**10.2**	**4.37**	**0.537**	**0.542**	< 0.192	**2.63**	**102**	< 0.0962	21700
Burnsville B-1 SL 4-8'	4-8 ft.	4/24/2009	Axys	**0.132**	**1.54**	**1.77**	**8.46**	**14.8**	< 0.0956	< 0.0956	< 0.0956	< 0.0956	< 0.191	**11**	**1.62**	< 0.0956	2240
Burnsville B-2 SL 0-4'	0-4 ft.	4/24/2009	Axys	**0.796**	**3.08**	**1.69**	**1.05**	**5.78**	**7.92**	< 0.0992	< 0.0992	< 0.0992	< 0.198	< 0.198	**2.8**	< 0.0992	22300
Burnsville B-2 SL 4-8'	4-8 ft.	4/24/2009	Axys	**1.83**	**4.81**	**3.97**	**4.14**	**0.355**	< 0.0985	< 0.0985	< 0.0985	< 0.0985	< 0.197	**1.2**	< 0.197	< 0.0985	12400
Burnsville Pond Sed-1	0-6 in.	4/20/2011	Axys	< 0.0986	< 0.0986	< 0.0986	< 0.0986	< 0.0986	< 0.0986	**0.168**	**0.371**	**0.787**	< 0.197	< 0.197	**0.87**	**0.122**	NA
No St Paul B-1 SL 0-4'	0-4 ft.	5/6/2009	Axys	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.0926	< 0.185	< 0.185	< 0.185	< 0.0926	19600
No St Paul B-1 SL 4-8'	4-8 ft.	5/6/2009	Axys	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.200	< 0.200	< 0.200	< 0.0998	624
No St Paul B-2 SL 0-4'	0-4 ft.	5/6/2009	Axys	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.191	< 0.191	< 0.191	< 0.0954	27400
No St Paul B-2 SL 4-8'	4-8 ft.	5/6/2009	Axys	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.0978	< 0.196	< 0.196	< 0.196	< 0.0978	796
No St Paul B-3 SL 0-2'	0-2 ft.	5/6/2009	Axys	< 0.0972	< 0.0972	< 0.0972	< 0.0972	**0.107**	< 0.0972	< 0.0972	< 0.0972	< 0.0972	< 0.194	< 0.194	**0.623**	< 0.0972	12700
Richfield B-1 0-4'	0-4 ft.	5/7/2009	Axys	< 0.0932	**0.226**	**0.191**	**0.433**	**1.36**	**1.44**	**0.095**	< 0.0932	< 0.0932	< 0.186	**1.26**	**104**	**0.21**	2170
Richfield B-1 4-8'	4-8 ft.	5/7/2009	Axys	**0.322**	**1.43**	**0.905**	**0.592**	**1.11**	**1.89**	< 0.0966	< 0.0966	< 0.0966	< 0.193	**1.44**	**102**	< 0.0966	355
Richfield B-2 0-4'	0-4 ft.	5/7/2009	Axys	**0.464**	**1.33**	**1.07**	**0.85**	**2.32**	**5.03**	**0.306**	< 0.186	< 0.186	< 0.373	**13**	**401**	**0.47**	8370
Richfield B-2 4-8'	4-8 ft.	5/7/2009	Axys	**1.04**	**4.52**	**4.7**	**3.28**	**5.02**	**4.83**	< 0.379	< 0.379	< 0.379	< 0.757	**32.2**	**666**	< 0.379	6100
Richfield B-3 0-4'	0-4 ft.	5/7/2009	Axys	< 0.0942	< 0.0942	**0.314**	**0.309**	**1.49**	< 0.0942	< 0.0942	< 0.0942	< 0.0942	< 0.188	**21.9**	**56.4**	< 0.0942	13100
Richfield B-3 4-8'	4-8 ft.	5/7/2009	Axys	**0.173**	**0.439**	**1.02**	**0.283**	**0.336**	< 0.104	< 0.104	< 0.104	< 0.104	**0.57**	**2.35**	**9.33**	< 0.104	36900
Richfield B-4 0-8'	0-8 ft.	10/8/2009	Axys	< 0.0956	< 0.0956	< 0.0956	< 0.0956	**0.129**	< 0.0956	< 0.0956	< 0.0956	< 0.0956	< 0.191	**0.236**	**4.52**	< 0.0956	NA
Kenyon B-1 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0963	< 0.0963	< 0.0963	**0.111**	< 0.0963	< 0.0963	< 0.0963	< 0.0963	< 0.0963	< 0.193	< 0.193	< 0.193	< 0.0963	26300
Kenyon B-1 SL 0-4'	0-4 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Kenyon B-1 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.0944	< 0.189	< 0.189	< 0.189	< 0.0944	23600
Kenyon B-1 SL 4-8'	4-8 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Kenyon B-2 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.0937	< 0.187	< 0.187	< 0.187	< 0.0937	13300
Kenyon B-2 SL 0-4'	0-4 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA

TABLE 2
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				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)	Mean Total Organic Carbon (TOC)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**	**-**
Tier 1 Residential SRV:				**77000**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**
Tier 2 Recreational SRV:				**94000**	**ND**	**ND**	**ND**	**2500**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2600**	**ND**	**ND**
Tier 2 Industrial SRV:				**500000**	**ND**	**ND**	**ND**	**13000**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**14000**	**ND**	**ND**
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**														
Kenyon B-2 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.0943	< 0.189	< 0.189	< 0.189	< 0.0943	25600
Kenyon B-2 SL 4-8'	4-8 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Claremont B-1 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.0907	< 0.181	< 0.181	**0.308**	< 0.0907	217000
Claremont B-1 SL 0-4'	0-4 ft.	5/15/2009	MPI	**0.413**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.773**	<0.2	<0.2	NA
Claremont B-1 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.193	**0.224**	**0.321**	< 0.0966	14800
Claremont B-1 SL 4-8'	4-8 ft.	5/15/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Claremont B-2 SL 0-4'	0-4 ft.	5/15/2009	Axys	< 0.0936	< 0.0936	**0.385**	< 0.0936	**0.154**	< 0.0936	< 0.0936	< 0.0936	< 0.0936	**0.491**	**1.65**	**24.7**	**0.129**	184000
Claremont B-2 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.0958	< 0.192	< 0.192	**0.25**	< 0.0958	7500
Claremont B-3 SL 0-4'	0-4 ft.	5/15/2009	Axys	**0.114**	**0.167**	**0.427**	**0.232**	**0.174**	< 0.0912	< 0.0912	< 0.0912	< 0.0912	**2.39**	**5.25**	**3.46**	< 0.0912	35200
Claremont B-3 SL 4-8'	4-8 ft.	5/15/2009	Axys	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.0935	< 0.187	**0.561**	**0.988**	< 0.0935	453
Luverne B-1 SL 0-4'	0-4 ft.	5/22/2009	Axys	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.0962	< 0.192	< 0.192	< 0.481	< 0.241	12500
Luverne B-1 SL 0-4'	0-4 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Luverne B-1 SL 4-8'	4-8 ft.	5/22/2009	Axys	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.0981	< 0.196	< 0.196	< 0.490	< 0.245	13300
Luverne B-1 SL 4-8'	4-8 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Luverne B-2 SL 0-4'	0-4 ft.	5/22/2009	Axys	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.0954	< 0.191	< 0.191	**0.481**	< 0.239	10300
Luverne B-2 SL 0-4'	0-4 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Luverne B-2 SL 4-8'	4-8 ft.	5/22/2009	Axys	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.200	< 0.200	< 0.500	< 0.250	14400
Luverne B-2 SL 4-8'	4-8 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Luverne B-3 SL 0-4'	0-4 ft.	5/22/2009	Axys	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.0974	< 0.195	< 0.195	< 0.487	< 0.244	7860
Luverne B-3 SL 0-4'	0-4 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Luverne B-3 SL 4-8'	4-8 ft.	5/22/2009	Axys	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.0984	< 0.197	< 0.197	< 0.492	< 0.246	39500
Luverne B-3 SL 4-8'	4-8 ft.	5/22/2009	MPI	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NA
Fridley B-1 SL 0-4'	0-4 ft.	5/27/2009	Axys	**0.242**	**0.422**	**0.413**	**0.27**	**0.291**	**0.144**	< 0.100	< 0.100	< 0.100	< 0.201	**1.25**	**43**	< 0.100	55700
Fridley B-1 SL 4-8'	4-8 ft.	5/27/2009	Axys	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.201	< 0.201	**2.45**	< 0.101	1670
Fridley B-2 SL 0-4'	0-4 ft.	5/27/2009	Axys	**1.34**	**1.67**	**2.78**	**0.735**	**0.699**	< 0.102	< 0.102	< 0.102	< 0.102	**3.01**	**23.4**	**3.48**	< 0.102	11400
Fridley B-2 SL 4-8'	4-8 ft.	5/27/2009	Axys	**0.601**	**1.13**	**1.53**	**0.335**	**0.493**	< 0.0950	< 0.0950	< 0.0950	< 0.0950	**1.32**	**14.2**	**1.31**	< 0.0950	19800
Fridley B-3 Sediment 6"	0.5 ft.	5/27/2009	Axys	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.0966	< 0.193	< 0.193	**18.3**	< 0.0966	14800
Rochester B-1 SL 0-4'	0-4 ft.	5/28/2009	Axys	**0.207**	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.0979	< 0.196	**0.361**	**0.559**	< 0.0979	4100
Rochester B-1 SL 4-8'	4-8 ft.	5/29/2009	Axys	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.0957	< 0.191	< 0.191	< 0.191	< 0.0957	1440
Rochester B-2 SL 0-4'	0-4 ft.	5/28/2009	Axys	**0.142**	< 0.0999	**0.173**	< 0.0999	< 0.0999	< 0.0999	< 0.0999	< 0.0999	< 0.0999	< 0.200	**1.7**	**1.12**	< 0.0999	4780
Rochester B-2 SL 4-8'	4-8 ft.	5/29/2009	Axys	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.0949	< 0.190	< 0.190	< 0.190	< 0.0949	431

TABLE 2
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				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)	Mean Total Organic Carbon (TOC)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**	**-**
Tier 1 Residential SRV:				**77000**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**
Tier 2 Recreational SRV:				**94000**	**ND**	**ND**	**ND**	**2500**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2600**	**ND**	**ND**
Tier 2 Industrial SRV:				**500000**	**ND**	**ND**	**ND**	**13000**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**14000**	**ND**	**ND**
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**														
Goodview Sed-1	0-6 in.	10/19/2009	Axys	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.0883	< 0.177	< 0.177	**0.332**	< 0.0883	NA

TABLE 2
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				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)	Mean Total Organic Carbon (TOC)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**	**-**
Tier 1 Residential SRV:				**77000**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**
Tier 2 Recreational SRV:				**94000**	**ND**	**ND**	**ND**	**2500**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2600**	**ND**	**ND**
Tier 2 Industrial SRV:				**500000**	**ND**	**ND**	**ND**	**13000**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**14000**	**ND**	**ND**
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**														
Bemidji B-1 SL 0-4'	0-4 ft.	11/5/2009	Axys	< 0.0951	< 0.0951	**0.216**	< 0.0951	**0.118**	< 0.0951	< 0.0951	< 0.0951	< 0.0951	< 0.190	**3.12**	**55.7**	**0.112**	6230
Bemidji B-1 SL 4-8'	4-8 ft.	11/5/2009	Axys	< 0.0913	< 0.0913	< 0.0913	< 0.0913	**0.498**	< 0.0913	< 0.0913	< 0.0913	< 0.0913	**0.267**	**3.98**	**56**	< 0.0913	535
Bemidji B-2 SL 0-4'	0-4 ft.	11/5/2009	Axys	**0.184**	**0.322**	**1.44**	**0.143**	**1.31**	**0.099**	< 0.0933	< 0.0933	< 0.0933	< 1.87	**13.9**(1)	**1200**(1)	**18.5**	3540
Bemidji B-2 SL 4-8'	4-8 ft.	11/5/2009	Axys	< 0.276	< 0.276	**0.411**(1)	**0.917**(1)	**19.6**(1)	< 0.276	< 0.276	< 0.276	< 0.276	**0.957**(1)	**147**(1)	**606**(1)	< 0.276	487
River Grove Sed-1	0-6 in.	11/18/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	<0.667	<0.333	NA
River Grove Sed-2	0-6 in.	11/18/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	<0.667	<0.333	NA
River Grove Sed-3	0-6 in.	11/18/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	<0.667	<0.333	NA
ERTC SS-1	0-6 in.	11/25/2009	Axys	< 0.0998	**0.205**	**0.794**	**0.139**	**0.495**	< 0.0998	< 0.0998	< 0.0998	< 0.0998	< 0.200	**3.49**	**83.5**	**4.54**	NA
ERTC Sed-1	0-6 in.	11/25/2009	Axys	< 0.0917	< 0.0917	< 0.0917	< 0.0917	**0.225**	< 0.0917	< 0.0917	< 0.0917	< 0.0917	< 0.183	**1.2**	**57.5**	**6.52**	NA
ERTC Sed-2	0-6 in.	11/25/2009	Axys	**0.218**	**0.536**	**1.72**	**0.268**	**1.26**	**0.184**	**0.101**	**0.174**	< 0.0933	**1.47**	**19.6**	**538**	**181**	NA
ERTC Sed-3	0-6 in.	11/18/2010	Axys	**0.118**	**0.202**	**1.01**	**0.171**	**0.75**	**0.149**	< 0.0955	**0.174**	**0.156**	**0.318**	**7.1**	**476**(1)	**207**(1)	NA
ERTC Sed-4	0-6 in.	11/28/2010	Axys	< 0.0933	**0.135**	**0.628**	**0.119**	**0.581**	< 0.0933	< 0.0933	< 0.0933	< 0.0933	< 0.187	**3.52**	**51.3**	**1.95**	NA
MSP Sed-1	0-6 in.	1/19/2010	Axys	< 0.484	< 0.484	< 0.484	< 0.484	**1.8**	**1.89**	**17.3**	**2.5**	**15.6**	< 0.968	< 0.968	**8.84**	**3.55**	NA
Crystal B-1 SL 0-4'	0-4 ft.	1/20/2010	Axys	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.486	< 0.972	< 0.972	< 0.972	< 0.486	458
Crystal B-1 SL 4-8'	4-8 ft.	1/20/2010	Axys	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.493	< 0.985	< 0.985	< 0.985	< 0.493	5610
Crystal B-2 SL 0-4'	0-4 ft.	1/20/2010	Axys	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.488	< 0.977	< 0.977	< 0.977	< 0.488	3840
Crystal B-2 SL 4-8'	4-8 ft.	1/20/2010	Axys	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.490	< 0.979	< 0.979	< 0.979	< 0.490	569
Crystal SS-1	2 ft.	1/20/2010	Axys	< 0.498	**0.929**	< 0.498	< 0.498	< 0.498	< 0.498	< 0.498	< 0.498	< 0.498	< 0.996	< 0.996	< 0.996	< 0.498	NA
Crystal Sed-1	0-6 in.	1/20/2010	Axys	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 0.513	< 1.03	< 1.03	< 1.03	< 0.513	NA
Crystal Sed-2	0-6 in.	1/20/2010	Axys	**0.467**	**1.16**	< 0.404	**0.491**	**0.654**	**0.412**	**0.863**	**1.17**	**2.47**	< 0.807	**1.03**	**7.1**	**1.45**	NA
Crystal Sed-3	0-6 in.	10/1/2010	Axys	< 0.376	< 0.376	< 0.376	< 0.376	< 0.376	< 0.376	< 0.376	< 0.376	< 0.376	< 0.752	< 0.752	< 0.752	< 0.376	NA
Crystal Sed-4	0-6 in.	10/1/2010	Axys	< 0.474	< 0.474	< 0.474	< 0.474	< 0.474	< 0.474	< 0.474	**0.661**	**1.65**	< 0.949	< 0.949	**4.64**	**1.13**	NA
Kings Cove Marina Soil	0-4 in.	12/3/2009	MPI	<0.333	<0.333	<0.333	<0.333	<0.333	<0.333	**1.11**	**2.07**	**10.4**	<0.667	<0.667	<0.667	<0.333	NA
Kings Cove Marina Sed 1	0-4 in.	12/3/2009	MPI	<0.333	<0.333	<0.333	<0.333	**0.841**	<0.333	<0.333	<0.333	<0.333	<0.667	<0.667	**1.34**	<0.333	NA
Kings Cove Marina Sed 2	0-4 in.	12/3/2009	MPI	<0.333	<0.333	**0.773**	<0.333	**0.736**	<0.333	<0.333	<0.333	<0.333	<0.667	**4.44**	**6.12**	<0.333	NA

TABLE 2
Soil and Sediment Analytical Results, PFCs and TOC
Minnesota Fire Foam Training and Discharge Sites

				Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)	Mean Total Organic Carbon (TOC)
#Perfluorinated Carbon Chains:				**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**	**-**
Tier 1 Residential SRV:				**77000**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**
Tier 2 Recreational SRV:				**94000**	**ND**	**ND**	**ND**	**2500**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2600**	**ND**	**ND**
Tier 2 Industrial SRV:				**500000**	**ND**	**ND**	**ND**	**13000**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**14000**	**ND**	**ND**
Sample ID	**Sample Depth**	**Sample Date**	**Laboratory**														
Up North Plastics Soil 1			Axys	**2.45**	**0.419**	**0.682**	**0.189**	**1.18**	**0.342**	**0.642**	**2.46**	**1.27**	**0.296**	**20.6**	**258**	**8.91**	NA
Up North Plastics Soil 2			Axys	**0.985**	< 0.0982	**0.205**	**0.115**	**0.381**	< 0.0982	< 0.0982	**0.341**	**0.343**	< 0.196	**2.07**	**59.1**	**2.99**	NA
Up North Plastics Soil 3			Axys	**0.203**	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.101	< 0.202	< 0.202	< 0.202	< 0.101	NA
Up North Plastics Soil 4			Axys	< 0.0964	< 0.0964	**0.233**	< 0.0964	**0.172**	< 0.0964	**0.097**	**1.88**	< 0.0964	< 0.193	**3.91**	**355**	**16.5**	NA
Up North Plastics Soil 5			Axys	**3.82**	**0.628**	**0.477**	**0.266**	**8.29**	< 0.0964	< 0.0964	**0.122**	**0.128**	**0.199**	**0.712**	**7.48**	**0.428**	NA
Up North Plastics Sed 1			Axys	**0.659**	< 0.0965	< 0.0965	< 0.0965	**0.406**	< 0.0965	< 0.0965	< 0.0965	< 0.0965	< 0.193	< 0.193	**1.15**	< 0.0965	NA
Up North Plastics Sed 2			Axys	**3.37**	**0.195**	**0.19**	< 0.110	**0.957**	**0.113**	< 0.110	**0.165**	**0.713**	**0.284**	**1.65**	**104**	**0.782**	NA
Up North Plastics Sed 3			Axys	**14.2**	**1.94**	**1.32**	**0.608**	**14.6**	< 0.104	< 0.104	< 0.104	**0.188**	< 0.207	**0.764**	**16.3**	< 0.104	NA
Up North Plastics Sed 4			Axys	**2.35**	**0.265**	**0.143**	< 0.119	**1.49**	< 0.119	**0.331**	**0.657**	**1.24**	< 0.238	**0.596**	**13.6**	**0.325**	NA
Up North Plastics Sed Dup			Axys	**1.25**	< 0.102	< 0.102	< 0.102	**0.726**	< 0.102	< 0.102	< 0.102	< 0.102	< 0.204	< 0.204	**1.67**	< 0.102	NA

Notes:
PFC results and standards are in nanograms per gram (ng/g), which is equivalent to parts per billion.
TOC results are in milligrams per kilogram (mg/kg), which is equivalent to parts per million.
Tier 1 Residential SRV: Minnesota soil reference value for chronic human exposure in a residential setting.
Tier 2 Recreational SRV: Minnesota soil reference value for exposure in a recreational setting.
Tier 2 Industrial SRV: Minnesota soil reference value for exposure in an industrial setting.
PFC compounds soil results reported on a dry weight basis.
ND: No SRV defined.
Axys: Axys Analytical Services LTD
MPI: MPI Research
TOC analyses performed by Pace Analytical Services.
Bolded type indicates detection above the laboratory method detection limit.
NA: not analyzed
(1) Results based on analysis of a dilution of the sample extract.

TABLE 3
WELL RECEPTOR SURVEY SUMMARY FOR SELECT FIRFIGHTING FOAM TRAINING SITES IN MINNESOTA
OCTOBER - NOVEMBER 2010

Site # From Receptor Survey Map	Property Address	Property Occupant	Water Supply Well (Yes or No)	Well Use	Use of Public Water Supply?	How Determined	Public Water Supply Connection Confirmed?	Comments
BEMIDJI REGIONAL AIRPORT								
1	3824 Moberg Dr. NW	Bemidji Regional Airport	No	NA	Yes	Interview, Airport Manager	No	
2	3507 Gillet Dr. NW	Rausch Cold Weather Testing Facility	No	NA	Yes	Interview, site personnel	No	
3	3700 Norris Ct. NW	Bureau of Criminal Apprehension, MN Dept. of Public Safety	No	NA	Yes	Interview, site personnel	No	
4	3622 Moberg Dr. NW	Great River Dentistry	No	NA	Yes	Questionnaire returned	No	
5	3600 Moberg Dr. NW	Indoor Auto Mall	No	NA	Yes	Interviews, current and previous site owners	No	Well no. 169190 was a water supply well at this site; well has been sealed.
6	3500 Moberg Dr. NW	Quality Inn	No	NA	Yes	Interview, site manager	No	
7	3300 Gillett Dr. NW	Paul Bunyan Elementary & ISD #31 Offices	No	NA	Yes	Interview, school district business manager	No	
8	Gillett Dr. NW	City of Bemidji Water Treatment Facility	No	NA	Yes	Interview, City of Bemidji Public Works	No	
9	3168 Adams Av. NW	Kraus Anderson Construction Co.	Yes	Non-potable		Interview, site personnel	No	
10	3920 Hwy. 2 W.	MNDOT Northwest District	No	NA	Yes	Interview, site personnel	No	
ABLE TRAINING CENTER, BURNSVILLE								
Site	River Ridge Blvd.	ABLE Fire Training Center	No	NA	Yes	Interview, Burnsville Fire Chief	No	
1	12205 River Ridge Blvd.	Northern Tool & Equipment	No	NA	Yes	Interview, site personnel	No	
2	12101 Interstate 35W S.	Dodge of Burnsville	No	NA	Yes	Questionnaire returned	No	
3	600 121st St. W.	Walser Suburu	No	NA	Yes	Interview, site personnel	No	
4	12001 Interstate 35W S.	All State Self Storage	No	NA	Yes	Interview, site personnel	No	
5	11937 Interstate 35W S.	Chalet Driving Range	No	NA	Yes	Interview, property owner	No	Several groundwater monitoring wells related to a historical dump are located on the property.
6	Pleasant Av.	Archery range, tree/brush dump	No	NA	No	Interview, Burnsville Public Works	No	
7	201 121st St. W.	Bury & Carlson, concrete/asphalt recycling	No	NA	Yes	Interview, site personnel	No	
8	25 Cliff Rd. W.	Rivers Edge Business Center	No	NA	Yes	Questionnaire returned	No	
9	15 Cliff Rd. W.	American Electric Motion	No[1]	NA	Yes	Questionnaire not returned	No	
10	12259 Nicollet Av.	Nicollet Business Campus II	Unknown	NA	Yes	Questionnaire returned	No	Managed by Wellington Management
11	12270 Nicollet Av.	Nicollet Business Campus	No	NA	Yes	Questionnaire returned	No	Managed by Wellington Management
12	50 River Ridge Ct.	Burnsville Public Works	Yes	Municipal	Yes	Interviews with Public Works personnel	NA	City well nos. 1, 2, 4, 5, 7, 8 nearby, locations indicated by Public Works personnel. No other water supply in survey area known to Public Works personnel.
13	12200 River Ridge Blvd.	Vacant/undeveloped	Yes	Industrial	NA	Site visit; correspondence with State, County.	No	Unique well no. 229108, industrial well, registered active. Buildings recently demolished and site razed. Site currently vacant. State and County cannot confirm current well status. No wells were observed on the property.
LAKE SUPERIOR COLLEGE ERTC, DULUTH								
Site	11501 Hwy. 23	Lake Superior College ERTC	No	NA	Yes	Interview, Program Supervisor	Yes	
1	10401 Hwy. 23	Residence	No	NA	No	Interview, homeowner	City Public Works confirmed no connection	Residence connected to private well at 10423 Hwy. 23.
2	10423 Hwy. 23	Residence	Yes	Drinking	No	Based on other interviews	City Public Works confirmed no connection	Questionnaire not returned.
3	11801 Hwy. 23	Residence	Yes	Drinking	No	Interview, homeowner	City Public Works confirmed no connection	
4	11601 Hwy. 23	Residence	Yes	Drinking	No	Interview, homeowner	City Public Works confirmed no connection	Well depth 411 feet.
5	11605 Hwy. 23	Residence	Yes	Drinking	No	Interview, homeowner	City Public Works confirmed no connection	New well pump recently installed, depth to water ~75 feet.
6	11825 Hwy. 23	Residence	Yes	Drinking	No	Interview, homeowner	City Public Works confirmed no connection	

TABLE 3
WELL RECEPTOR SURVEY SUMMARY FOR SELECT FIRFIGHTING FOAM TRAINING SITES IN MINNESOTA
OCTOBER - NOVEMBER 2010

Site # From Receptor Survey Map	Property Address	Property Occupant	Water Supply Well (Yes or No)	Well Use	Use of Public Water Supply?	How Determined	Public Water Supply Connection Confirmed?	Comments
MSP AIRPORT								
1	7150 Humphrey Drive	Humphrey Terminal	No	NA	Yes	Interview, Mark Wacek, MAC	No	
2	Humphrey Drive	Humphrey Terminal Parking Ramp	No	NA	Yes	Interview, Mark Wacek, MAC	No	
3	34th Ave. S.	MSP Fire Station No. 1	No	NA	Yes	Interview, Mark Wacek, MAC	No	
4	34th Ave. S.	Hangars 4-8	No	NA	Yes	Interview, Mark Wacek, MAC	No	
5	2825 Cargo Rd.	FedEx	No	NA	Yes	Interview, Mark Wacek, MAC	No	
6	Cargo Rd.	UPS	No	NA	Yes	Interview, Mark Wacek, MAC	No	
7	MSP Airport	South airfield lighting electrical center	No	NA	Yes	Interview, Mark Wacek, MAC	No	
8	MSP Airport	Glycol Management Facility	No	NA	Yes	Interview, Mark Wacek, MAC	No	
MARATHON REFINERY, ST. PAUL PARK								
1	729 Factory St.	Residence, vacant	No	NA	Yes	Questionnaire not delivered	Yes	Questionnaire returned by Post Office, marked "vacant". Municipal water connection confirmed by City Public Works Dept; assume no water supply well on property.
2	812 Front St.	Residence	No	No	Yes	Questionnaire not returned	Yes	Two houses located on property, owned by Hidden Harbor Marina. Marina owner not aware of water wells on property.
3	388 9th Ave.	Hidden Harbor Marina	Yes	Potable uses	No	Interview, property owner	Confirmed no connection	Five water supply wells located on property.
4	Lions Levee Park	7th Ave. W.	NA	NA	NA	Site reconnaissance	NA	No buildings with water service.

Notes:

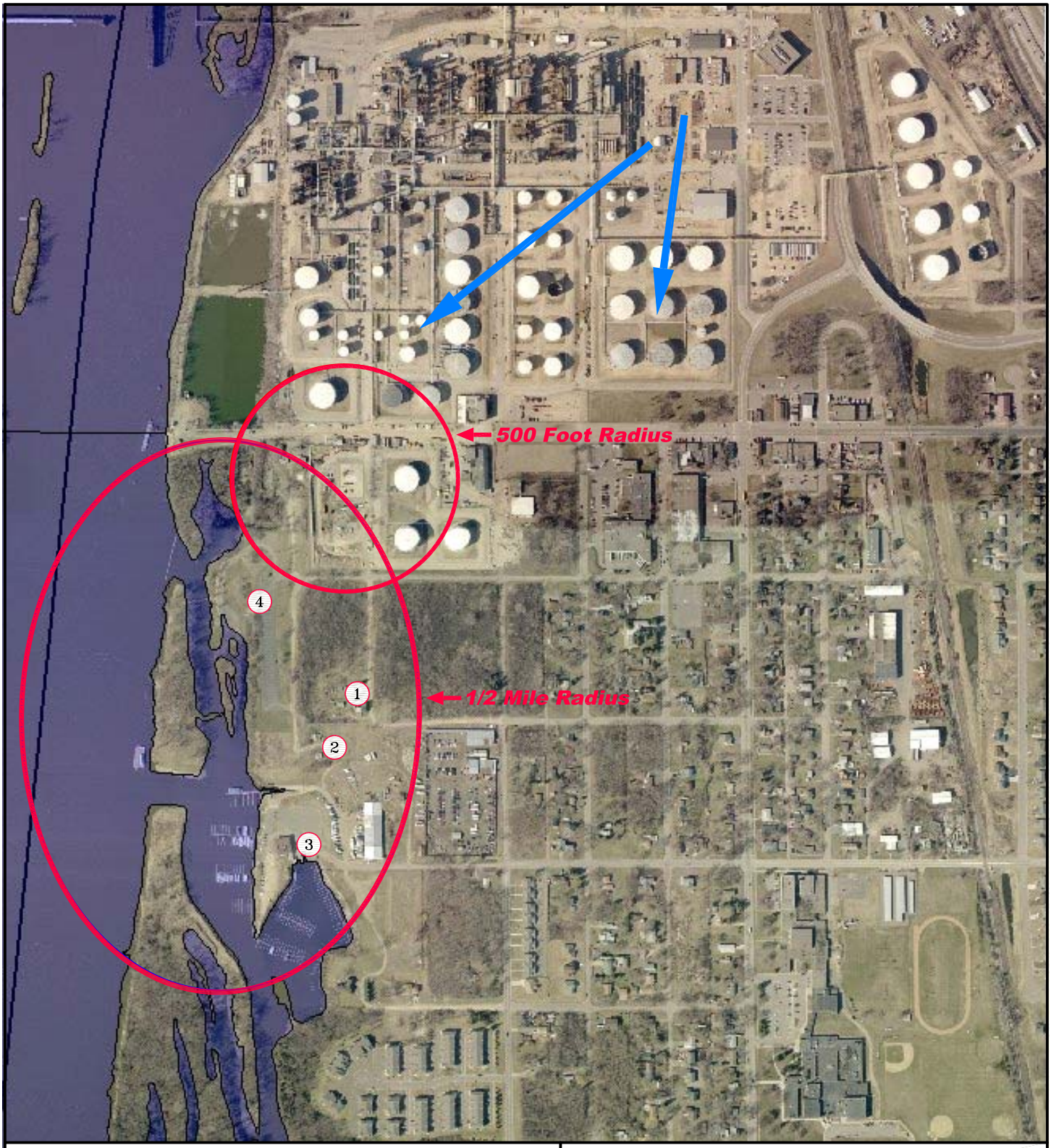
Sites included on this Table are depicted on applicable Well Receptor Survey figures included in report.

[1] Receptor Survey Questionnaire indicated that if questionnaire was not returned it would be assumed that the property has no water wells, basements or sumps.
NA - Not Applicable

ANTEA GROUP

Appendix A

Marathon Refinery Groundwater Receptor Survey Documents



LEGEND:

Property Occupant

1. Residence – 729 Factory St.
2. Residence – 812 Front St.
3. Hidden Harbor Marina – 388 9th Ave.
4. Lions Levee Park – 7th Ave. S.

Inferred Groundwater Flow Direction

North

FIGURE
RECEPTOR SURVEY
MARATHON OIL FIRE TRAINING AREA
ST. PAUL PARK, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY	
45618DEL04	NR	DD	anteagroup
DATE	REVIEWED BY	FILE NAME	
06/30/11		Marathon-1	

via telephone 10-26-10

Receptor Survey Questionnaire

PROPERTY ADDRESS: 388 9th Av. W - Hidden Harbor Marina

1. Is there, or has there ever been, a water well on the property? **Yes** **No** **Unknown**

If you answered **No or Unknown**, proceed to Question 2. 5 wells on property

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

X ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____ Bought property ~1 year ago

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

1f. Where on the property is (was) the well located? 1 - Maintenance 1 - Restaurant 1 - Boats 1 - Hosing 1 - Drink water

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No** 810 & 812 Front St - owned by Marina

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Tim Kennedy

Telephone Number 651-400-0846 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Nancy Rodning
5910 RICE CREEK PARKWAY • SUITE 100
ST. PAUL, MINNESOTA 55126 USA

UNITED STATES POSTAGE
PITNEY BOWES
$ 000.44[0]

DELTA

VAC

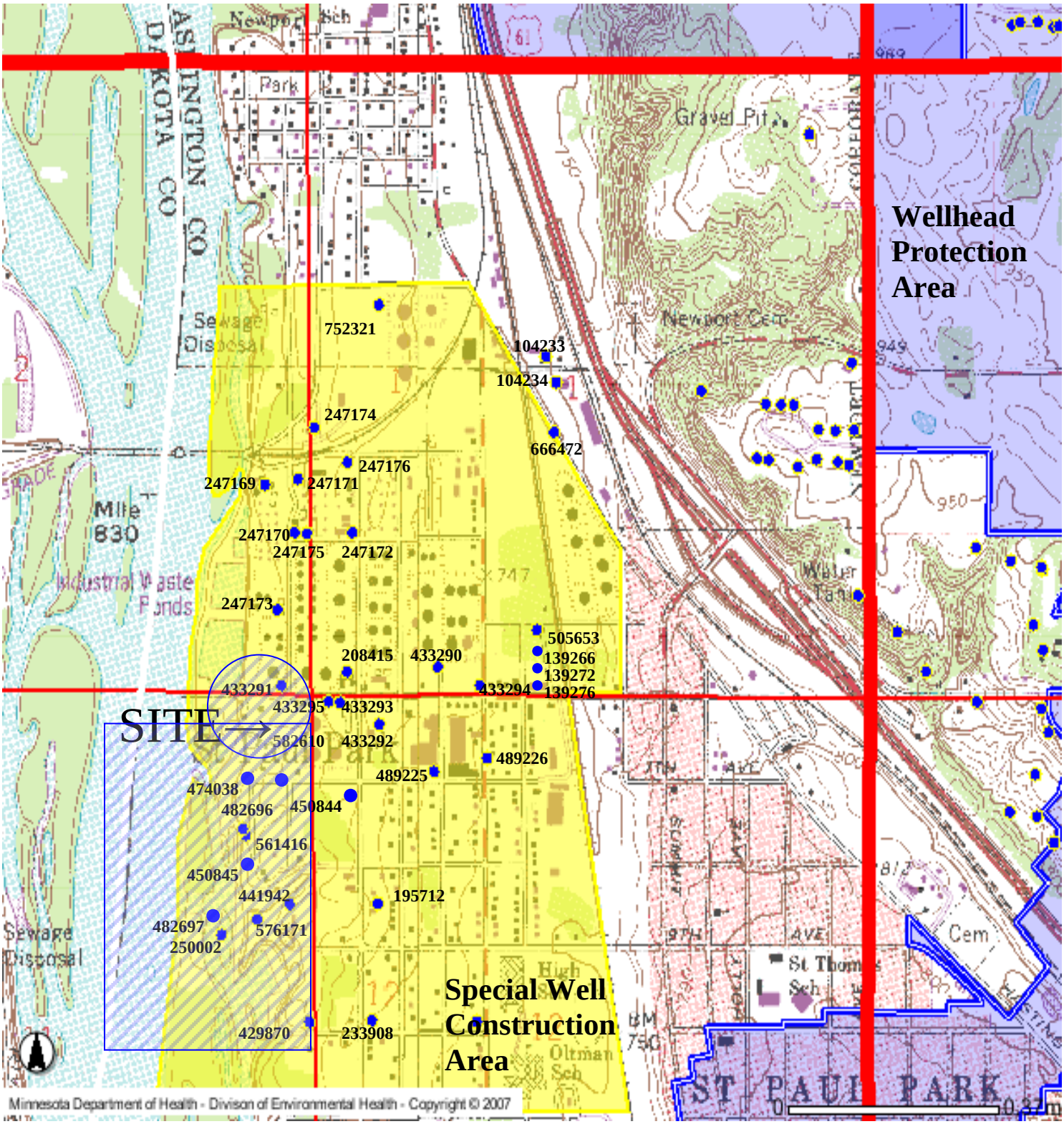
PROPERTY OWNER OR TENANT
729 FACTORY STREET
ST. PAUL PARK, MN 55071

NIXIE 550 4E 1 VAC
RETURN TO SEND
VACANT
UNABLE
BC: 551265023

NOT A SOLICITATION

55071 5023

MARATHON PETROLEUM REFINERY CWI Well Map



Approximate Area of Receptor Survey

Minnesota Unique Well No.
250002

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 07/25/1995
Update Date 05/11/2005
Received Date

Well Name WILLIE'S HIDDEN HARBOR

Township	Range	Dir	Section	Subsections	Elevation
27	22	W	11	ADBDCD	690 ft.

Elevation Method: 7.5 minute topographic map (+/- 5 feet)

Well Depth	Depth Completed	Date Well Completed
235 ft.	235 ft.	

Drilling Method --

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Abandoned Status Sealed

Casing Type Steel (black or low carbon) Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below 0 ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 220 ft.	lbs./ft.	

Open Hole from 220 ft. to 235 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
14 ft. from Land surface Date Measured 06/06/1995

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

Geological Material	Color	Hardness	From	To
PRAIRIE DU CHIEN GROUP			0	146
JORDAN SANDSTONE			146	230
ST. LAWRENCE FORMATION			230	235

REMARKS
GAMMA LOGGED 6-6-1995.
WELL SEALED 07-15-1996 BY 62119

Grouting Information Well Grouted? ☐ Yes ☐ No

Located by: Minnesota Geological Survey
Method: Digitized - scale 1:24,000 or larger (Digitizing Table)

Unique Number Verification: Information from owner
Input Date: 07/18/1996

System: UTM - Nad83, Zone15, Meters
X: 499426 Y: 4965451

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP 0 Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Borehole Geophysics Yes
First Bedrock Prairie Du Chien Group
Last Strat St.Lawrence
Aquifer Multiple
Depth to Bedrock 0 ft.

Well Contractor Certification

Minnesota Geological Survey	MGS	
License Business Name	Lic. Or Reg. No.	Name of Driller

County Well Index Online Report

250002

Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
268354

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 02/07/2007
Update Date 03/01/2011
Received Date

Well Name HARBOR VILLAGE #2
Township Range Dir Section Subsections Elevation
27 22 W 11 ADADCA Elevation Method
718 ft.
Calc from NED (National Elevation Dataset)

Well Depth	Depth Completed	Date Well Completed
0 ft.	0 ft.	0

Drilling Method

Drilling Fluid

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Public Supply/non-comm.-transient PWS ID Source

Casing Type Joint Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Geological Material	Color	Hardness	From	To

Casing Diameter	Weight	Hole Diameter

Open Hole from ft. to ft.

Screen

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☐ Yes ☐ No

Located by: Washington Cty.
Unique Number Verification: Info/GPS from data source
System: UTM - Nad83, Zone15, Meters

Method: GPS SA Off (averaged)
Input Date: 06/10/2009
X: 499620 Y: 4965494

Nearest Known Source of Contamination
0 feet direction type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number HP Volts
Length of drop Pipe ft. Capacity g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

License Business Name | Lic. Or Reg. No. | Name of Driller

County Well Index Online Report

268354

Printed 6/29/2011
HE-01205-07

Minnesota Unique Well No.
429870

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 08/15/1991
Update Date 09/29/2005
Received Date

Well Name BROWN, WILLIE
Township Range Dir Section Subsections Elevation
27 22 W 11 DAAAAA Elevation Method
733 ft.
CALC FROM 2-FOOT COUNTY DEM

Well Depth	Depth Completed	Date Well Completed
220 ft.	220 ft.	02/23/1987

Drilling Method Non-specified Rotary

Well Address
215 10TH AV W
ST PAUL PARK MN 55071

Geological Material	Color	Hardness	From	To
GRAVEL	BROWN	SOFT	0	8
LIME	YELLOW	HARD	8	165
SANDROCK	YELLOW	SOFT	165	220

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☑ Yes ☐ No Above/Below 1 ft.

Casing Diameter	Weight	Hole Diameter
8 in. to 8 ft.	18 lbs./ft.	12 in. to 8 ft.
4 in. to 189 ft.	11 lbs./ft.	8 in. to 18 ft.

Open Hole from 189 ft. to 220 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
40 ft. from Land surface Date Measured 02/23/1987

PUMPING LEVEL (below land surface)
80 ft. after 2 hrs. pumping 20 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 189 ft. 5 yrds.

Located by: Minnesota Geological Survey
Unique Number Verification: Information from owner
System: UTM - Nad83, Zone15, Meters
Method: Digitization (Screen) - Map (1:24,000)
Input Date: 09/07/2005
X: 499675 Y: 4965234

Nearest Known Source of Contamination
75 feet N direction Sewer type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed 04/03/1987
Manufacturer's name GRUNDFOS Model number SP-2-12 HP 0.5 Volts 230
Length of drop Pipe 84 ft. Capacity 12 g.p.m Type Submersible Material Galvanized

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Kimmes-Bauer	19521	ANDERSON, L.

First Bedrock Prairie Du Chien Group
Last Strat Jordan
Aquifer Jordan
Depth to Bedrock 8 ft.

County Well Index Online Report

429870

Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
433291

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/07/1993
Update Date 03/06/2002
Received Date

Well Name ASHLAND PETROLEUM MW-102
Township Range Dir Section Subsections Elevation
27 22 W 2 DDDDCC Elevation Method
725 ft.
7.5 minute topographic map (+/- 5 feet)

Well Depth	Depth Completed	Date Well Completed
47 ft.	47 ft.	04/26/1989

Drilling Method Non-specified Rotary

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☑ No Above/Below 3 ft.

Casing Diameter	Weight	Hole Diameter
8 in. to 13 ft.	lbs./ft.	
4 in. to 22 ft.	lbs./ft.	

Open Hole from 22 ft. to 47 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Well Address

ST PAUL PARK MN 55071

Geological Material	Color	Hardness	From	To
DRIFT, SAND & CLAY	BLACK		0	6
LIMEROCK	YEL/TAN		6	47

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
M.G.S. NO. 2788.
27-22-2 DDDDCC
ELEV 725-+5
103-D

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 22 ft. 8.5 bags

Located Minnesota Geological Survey
Unique Number Verification Information from owner
System UTM - Nad83, Zone15, Meters

Method Digitization (Screen) - Map (1:24,000)
Date 02/13/2004
X: 499596 Y: 4966070

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP 0 Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Cuttings Yes
First Bedrock Prairie Du Chien Group
Last Strat Prairie Du Chien Group

Aquifer Prairie Du Chien Group
Depth to Bedrock 6 ft.

Well Contractor Certification

Keys Well Co.	62012	SAMPSON, C.
License Business Name	Lic. Or Reg. No.	Name of Driller

County Well Index Online Report

433291

Printed 6/29/2008
HE-01205-07

Minnesota Unique Well No.
441942

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 08/14/1991
Update Date 09/29/2005
Received Date

Well Name WILLIE'S HIDDEN HARBOR
Township Range Dir Section Subsections Elevation
27 22 W 11 ADADBA Elevation Method
727 ft.
CALC FROM 2-FOOT COUNTY DEM

Well Depth	Depth Completed	Date Well Completed
240 ft.	240 ft.	10/29/1984

Drilling Method Non-specified Rotary

Well Address
388 9TH AV W
ST PAUL PARK MN 55071

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	25
LIME	YELLOW	HARD	25	170
SAND ROCK	BROWN	SOFT	170	200
SAND ROCK	BLUE	HARD	200	240

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☑ Yes ☐ No Above/Below 1 ft.

Casing Diameter	Weight	Hole Diameter
8 in. to 25 ft.	18 lbs./ft.	12 in. to 25 ft.
4 in. to 203 ft.	11 lbs./ft.	8 in. to 200 ft.

Open Hole from 203 ft. to 240 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
25 ft. from Land surface Date Measured 10/29/1987

PUMPING LEVEL (below land surface)
30 ft. after 2 hrs. pumping 50 g.p.m.

Well Head Completion
Pitless adapter manufacturer WHITEWATER Model SU4X5
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 203 ft. 4 yrds.

Located by: Minnesota Geological Survey
Method: Digitization (Screen) - Map (1:24,000)
Unique Number Verification: Information from owner
Input Date: 09/07/2005
System: UTM - Nad83, Zone15, Meters
X: 499620 Y: 4965527

Nearest Known Source of Contamination
75 feet E direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 12/03/1987
Manufacturer's name GRUNDFOS Model number SP-2-12 HP 1.5 Volts 230
Length of drop Pipe 42 ft. Capacity 10 g.p.m Type Submersible Material Galvanized

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Kimmes-Bauer	19521	ANDERSON, L.

First Bedrock Prairie Du Chien Group
Last Strat Jordan
Aquifer Jordan
Depth to Bedrock 25 ft.

County Well Index Online Report

441942

Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
450845

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 12/21/1992
Update Date 02/14/2008
Received Date

Well Name PIRNIE, MALCOLM
Township 27 Range 22 Dir W Section 11 Subsections AAD
Elevation ft.
Elevation Method

Well Depth 54 ft. | Depth Completed 54 ft. | Date Well Completed 10/17/1988

Drilling Method --

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Geological Material	Color	Hardness	From	To

Casing Diameter	Weight	Hole Diameter

Open Hole from ft. to ft.

Screen Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
35 ft. from Land surface Date Measured 12/21/1988

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
END OF FRONT ST.
MW 5

Grouting Information Well Grouted? ☐ Yes ☑ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification
Thein Well Co. | 34050
License Business Name | Lic. Or Reg. No. | Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report | 450845 | Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
474038

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 12/21/1992
Update Date 09/01/2009
Received Date

Well Name CITY OF ST.PAUL PARK
Township 27 Range 22 Dir W Section 11 Subsections AA
Elevation ft.
Elevation Method

Well Depth 19 ft. | Depth Completed 18 ft. | Date Well Completed 11/11/1991
Drilling Method --

Drilling Fluid --
Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Geological Material	Color	Hardness	From	To
FILL W/ SILTY SAND & LEAN CLAY	BLK/BRN		0	10
LEAN CLAY	DK. BRN	V.SOFT	10	17
SAND FINE GRAINED (VERY LOOSE)	BROWN		17	19

Casing Diameter	Weight	Hole Diameter

Open Hole from ft. to ft.

Screen Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
11 ft. from Land surface Date Measured 11/11/1991

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
MW 107
NEAR 7TH AVE & FRONT ST., ST.PAUL PARK

Grouting Information Well Grouted? ☑ Yes ☐ No
Grout Material: Neat Cement from to 4.5 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Twin City Testing	M0112	NELSON, T.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report | 474038 | Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
482696

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 04/22/2003
Update Date 04/25/2007
Received Date

Well Name W-200

Township	Range	Dir	Section	Subsections	Elevation
27	22	W	11	AADCBC	702 ft.

Elevation Method: 7.5 minute topographic map (+/- 5 feet)

Well Depth	Depth Completed	Date Well Completed
195 ft.	195 ft.	09/18/1992

Drilling Method Non-specified Rotary

Well Address
100 3RD W
ST PAUL PARK MN 55071

Geological Material	Color	Hardness	From	To
DRIFT			0	3
LIMESTONE			3	155
SANDSTONE			155	195

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Abandoned Status Sealed

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☑ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
14 in. to 3 ft.	55.57 lbs./ft.	17.5 in. to 3 ft.
8 in. to 155 ft.	28.55 lbs./ft.	13 in. to 155 ft.

Open Hole from 170 ft. to 195 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
46 ft. from Land surface Date Measured 09/18/1992

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☑ Casing Protection Y ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
WELL SEALED 08-16-2000 BY 62012
ORIGINAL USE : MONITOR WELL

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement	from	to 3 ft.	2 bags
Grout Material: Neat Cement	from	to 170 ft.	4 yrds.
Grout Material: Neat Cement	from	to 155 ft.	5 yrds.

Located by: Minnesota Department of Health
Method: GPS SA Off (averaged)
Unique Number Verification: N/A
Input Date: 08/15/2000
System: UTM - Nad83, Zone15, Meters
X: 499487 Y: 4965714

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Keys Well Co.	62012	CONTONIKOLAS.

First Bedrock Prairie Du Chien Group
Last Strat Jordan
Aquifer Jordan
Depth to Bedrock 3 ft.

County Well Index Online Report

482696

Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
482697

County Washington
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/01/2009
Update Date 09/01/2009
Received Date

Well Name ASHLAND PETROLEUM COMPANY

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	22	W	11	ACD	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
47 ft.	47 ft.	09/09/1992

Drilling Method Non-specified Rotary

Well Address
100 3RD AV W 55071
ST PAUL PARK MN 55071

Geological Material	Color	Hardness	From	To
DRIFT	BLACK	SOFT	0	3
LIMESTONE	BROWN	HARD	3	47

Drilling Fluid
Other

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
12 in. to 2.5 ft.	lbs./ft.	12 in. to 22 ft.
6 in. to 22 ft.	lbs./ft.	6 in. to 47 ft.

Open Hole from 22 ft. to 47 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
32.25 ft. from Land surface Date Measured 09/09/1992

PUMPING LEVEL (below land surface)
34 ft. after 1.25 hrs. pumping 11 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☑ Casing Protection Y ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
WELL LABELED: W-108

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from to 22 ft. 10 bags

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☑ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Keys Well Co.	62012	CONTONIKOLAS.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

482697

Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
559256

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 08/22/1996
Update Date 03/01/2011
Received Date

Well Name WILLIES HIDDEN HARBOR
Township Range Dir Section Subsections Elevation
27 22 W 11 ADBDDA Elevation Method
692 ft.
Calc from NED (National Elevation Dataset)

Well Depth	Depth Completed	Date Well Completed
234 ft.	234 ft.	05/17/1996

Drilling Method Non-specified Rotary

Well Address
388 9TH AV
ST PAUL PARK MN 55071

Drilling Fluid --
Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Public Supply/non-comm.-transient PWS ID 5820301 Source S01

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☑ Yes ☐ No Above/Below 1 ft.

Casing Diameter	Weight	Hole Diameter
8 in. to 24 ft.	28.55 lbs./ft.	12 in. to 34 ft.
4 in. to 225 ft.	10.79 lbs./ft.	8 in. to 225 ft.

Open Hole from 225 ft. to 234 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	25
LIME	YELLOW	SOFT	25	34
LIME	YELLOW	HARD	34	45
SHALE	BLUE	HARD	45	55
LIME	YELLOW	HARD	55	137
SANDROCK	YELLOW	SOFT	137	141
SANDROCK	YELLOW	SOFT	141	190
SANDROCK	GRAY	MEDIUM	190	227
SANDROCK	GRAY	MEDIUM	227	234

Static Water Level
0 ft. from Land surface Date Measured 05/17/1996

PUMPING LEVEL (below land surface)
30 ft. after hrs. pumping 20 g.p.m.

Well Head Completion
Pitless adapter manufacturer WHITEWATER Model SU4X5.5
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
GAMMA LOGGED 5-17-1996.
27-22-11 ADBDDB
ELEV 688-+5
103-D
WELL #1

Grouting Information Well Grouted? ☑ Yes ☐ No
Grout Material: Neat Cement from 0 to 225 ft. 6.5 yrds.

Located by: Washington Cty.
Unique Number Verification: Info/GPS from data source
System: UTM - Nad83, Zone15, Meters
Method: GPS SA Off (averaged)
Input Date: 06/10/2009
X: 499471 Y: 4965491

Nearest Known Source of Contamination
60 feet E direction Septic tank/drain field type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☑ Not Installed Date Installed 06/13/1996
Manufacturer's name GRUNDFOS Model number 25S10-7 HP 1 Volts 230
Length of drop Pipe 42 ft. Capacity 20 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Borehole Geophysics Yes
First Bedrock Prairie Du Chien Group
Last Strat St.Lawrence
Aquifer Multiple
Depth to Bedrock 25 ft.

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Kimmes-Bauer	19521	PEINE, J.

County Well Index Online Report

559256

Printed 6/29/2011
HE-01205-07

Minnesota Unique Well No.
561416

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 04/22/2003
Update Date 04/25/2007
Received Date

Well Name RW-5
Township Range Dir Section Subsections Elevation: 27 22 W 11 AADCCB
Elevation Method: 705 ft. 7.5 minute topographic map (+/- 5 feet)

Well Depth	Depth Completed	Date Well Completed
75 ft.	75 ft.	07/06/1995

Drilling Method Non-specified Rotary

Well Address
ST PAUL PARK MN 55071

Geological Material	Color	Hardness	From	To
LIMESTONE	TAN	HARD	0	40
LIMESTONE	TAN	SOFT	40	45
LIMESTONE	TAN	HARD	45	70
LIMESTONE	TAN	SOFT	70	75

Drilling Fluid: Bentonite
Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use: Other (specify in remarks)

Casing Type: Steel (black or low carbon) Joint: No Information Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
8 in. to 25 ft.	lbs./ft.	12 in. to 25 ft.
		8 in. to 75 ft.

Open Hole from 25 ft. to 75 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
30 ft. from Land surface Date Measured 07/06/1995

PUMPING LEVEL (below land surface)
75 ft. after 2 hrs. pumping 30 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
WELL LOCATION: 700 BLOCK OF FRONT ST. ST. PAUL PARK, MN 55071
WATER STARTED COMING AT 32'
USE-REMEDIAL

Grouting Information Well Grouted? ☑ Yes ☐ No
Grout Material: Neat Cement from to 24 ft. 8 bags

Located by: Minnesota Department of Health
Unique Number Verification: N/A
System: UTM - Nad83, Zone15, Meters
Method: GPS SA Off (averaged)
Input Date: 08/15/2000
X: 499494 Y: 4965698

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☑ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Traut M.J. Well Co.	71536	ROBBIE&JEFF

First Bedrock Prairie Du Chien Group
Last Strat Prairie Du Chien Group
Aquifer Prairie Du Chien Group
Depth to Bedrock ft.

County Well Index Online Report

561416

Printed 4/10/2009
HE-01205-07

Minnesota Unique Well No.
576171

County Washington
Quad Inver Grove Heights
Quad ID 103D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/25/1996
Update Date 12/30/2004
Received Date

Well Name WILLIES HIDDEN HARBOR
Township Range Dir Section Subsections Elevation
27 22 W 11 ADACCA Elevation Method
702 ft.
Calc from DEM (USGS 7.5 min or equiv.)

Well Depth	Depth Completed	Date Well Completed
200 ft.	200 ft.	07/17/1996

Drilling Method Non-specified Rotary

Well Address
388 9TH AV
ST PAUL PARK MN

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☑ Yes ☐ No Above/Below 0 ft.

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	30
ROCK	TAN	HARD	30	132
SANDROCK	YELLOW	SOFT	132	189
SANDROCK	YELLOW	HARD	189	200

Casing Diameter	Weight	Hole Diameter
4 in. to 189 ft.	lbs./ft.	12 in. to 30 ft.
		8 in. to 189 ft.

Open Hole from 189 ft. to 200 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
12 ft. from Land surface Date Measured 07/17/1996

PUMPING LEVEL (below land surface)
20 ft. after 1 hrs. pumping 30 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
27-22-11
ELEV 103-D

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 2 to 160 ft. 54 bags

Located by: Minnesota Department of Health
Unique Number Verification: N/A
System: UTM - Nad83, Zone15, Meters
Method: Digitization (Screen) - Map (1:24,000)
Input Date: 10/24/2003
X: 499527 Y: 4965490

Nearest Known Source of Contamination
100 feet W direction Body of water type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☑ Not Installed Date Installed 07/18/1996
Manufacturer's name OWNER'S Model number HP 0 Volts
Length of drop Pipe ft. Capacity g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Schroepfer Well Co.	62119	SCHROEPFER, T

First Bedrock Prairie Du Chien Group
Last Strat Jordan
Aquifer Jordan
Depth to Bedrock 30 ft.

County Well Index Online Report

576171

Printed 11/3/2010
HE-01205-07

Minnesota Unique Well No.
582610

County Washington
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date
Update Date 09/01/2009
Received Date

Well Name ASHLAND PETROLEUM COMPANY

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	22	W	11	AAA	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
193 ft.	193 ft.	07/28/1997

Drilling Method Non-specified Rotary

Well Address
BROADWAY & MAIN ST
ST PAUL PARK MN 55071

Geological Material	Color	Hardness	From	To
FILL	BLACK	SOFT	0	2
LIMESTONE	TAN	HARD	2	158
SANDSTONE	TAN	MEDIUM	158	193

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Remedial

Casing Type Steel (black or low carbon) Joint No Information Drive Shoe? ☑ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
6 in. to 173 ft.	lbs./ft.	12 in. to 173 ft.
		6 in. to 193 ft.

Open Hole from 173 ft. to 193 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
20 ft. from Land surface Date Measured 07/28/1997

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☑ Casing Protection Y ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
ENGINEER - BAYWEST
WELL NUMBERED W-205

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from to 173 ft. 110 bags

Nearest Known Source of Contamination
25 feet W direction type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number HP Volts
Length of drop Pipe ft. Capacity g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

Keys Well Co.	62012	MARK & KEVIN
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 582610 Printed 11/3/2010
HE-01205-07

Appendix B

Bemidji Regional Airport Groundwater Receptor Survey Documents, October 2010 Survey

LEGEND:

Inferred Groundwater Flow Direction

Property Occupant

1. Bemidji Regional Airport
2. Rausch Cold Weather Testing Facility
3. Bureau of Criminal Apprehension, MN Dept. of Public Safety
4. Great River Dentistry
5. Indoor Auto Mall
6. Quality Inn
7. Paul Bunyan Elementry & ISD #31 Offices
8. City of Bemidji Water Treatment Facility
9. Kraus Anderson Construction Co.
10. MNDOT Northwest District

North

FIGURE
RECEPTOR SURVEY
BEMIDJI FIRE DEPARTMENT FIRE TRAINING AREA
BEMIDJI AIRPORT
BEMIDJI, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL04	NR	DD
DATE	REVIEWED BY	FILE NAME
06/30/11		Bemidji-1

anteagroup

Receptor Survey Questionnaire – over Telephone 10-11-10 12:50pm

PROPERTY ADDRESS: Quality Inn 3500 Mokers Dr.

1. Is there, or has there ever been, a water well on the property? **Yes** (No) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (Yes) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Kevin Rakow - GM

Telephone Number 218-444-7708 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Not the Holiday Inn.

via telephone 10-11-10

Receptor Survey Questionnaire

PROPERTY ADDRESS: 3000 Mohers Dr NW - Indoor Auto Mall

1. Is there, or has there ever been, a water well on the property? **Yes** **(No)** **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **(Yes)** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Todd Lovoth

Telephone Number 218-751-3140 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

11/3/10

former Holiday Inn. well registered. Knowing no well, on city water. Former owner is Gary Cranglehoff Properties

DELTA

PHONE COMMUNICATION RECORD

Date 11-3-10 Time 12:00

Person Contacted — Incoming ☐ Outgoing ☒ Gary Congdon, Bemidji

Phone 218-444-6900 Project No.

Project Name/Location

Contacted by Nancy R

Participants

Subject well 169190 - Holiday Inn (Indoor Auto Mall)

Notes

there was a well there in the 1970's, there was no city water then.

(City water came to area). well was capped. the ~~was~~ convention center addition was built over the location of that well.

Receptor Survey Questionnaire

PROPERTY ADDRESS: Great River Dentistry, 3622 Mobers Drive NW, Bemidji

1. Is there, or has there ever been, a water well on the property? **Yes** (No) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (Yes) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Douglas R. Williams, DDS

Telephone Number 218-751-4216 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

via telephone 10-11-10

PROPERTY ADDRESS: 3700 Norris Ct NW

1. Is there, or has there ever been, a water well on the property? **Yes** (No) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (Yes) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Jim Dougherty, MN Bureau of Criminal Apprehension

Telephone Number 218-755-6050 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: 3300 Gilett Dr NW - Paul Bunyan ISD #31

1. Is there, or has there ever been, a water well on the property? **Yes** (No) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (Yes) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Chris - Business Manager

Telephone Number 218-333-3100 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Via Telephone 10-21-10

Receptor Survey Questionnaire

PROPERTY ADDRESS: 3507 Gilbert Drive - Rausch Cold Weather Testing

1. Is there, or has there ever been, a water well on the property? **Yes** **No** **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Jason

Telephone Number 218-751-0016 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire — via telephone 10-14-10

PROPERTY ADDRESS: 3920 Hwy 2 west - MNDOT

1. Is there, or has there ever been, a water well on the property? **Yes** (**No**) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (**Yes**) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Dan Tricke

Telephone Number 218-755-6507 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: Kraus Anderson Const. Shop 3168

1. Is there, or has there ever been, a water well on the property? **Yes** **No** **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? ~20 FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

1f. Where on the property is (was) the well located?_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

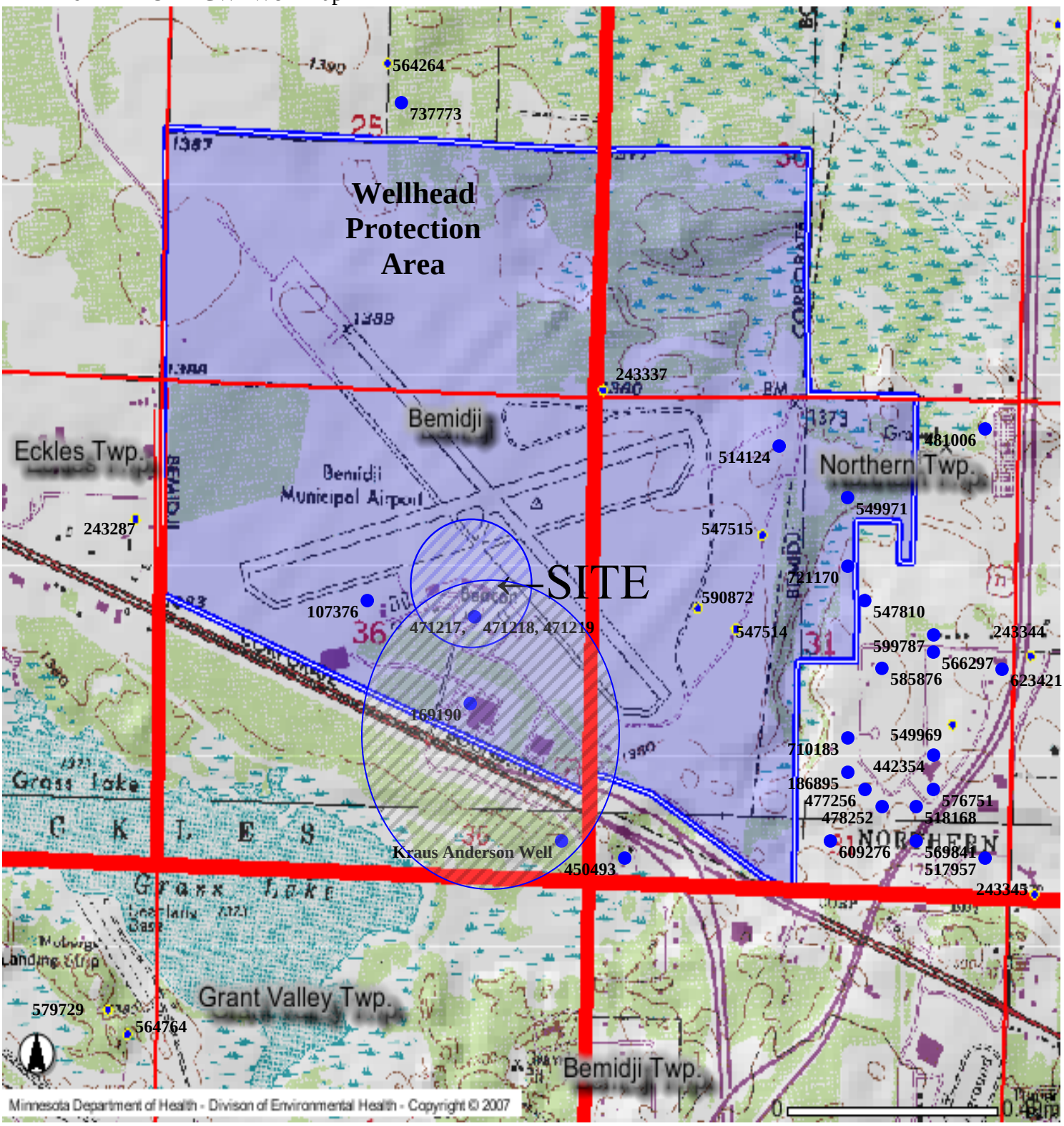
Name_____

Telephone Number 218-751-4207 DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

BEMIDJI AIRPORT CWI Well Map



Approximate Area of Receptor Survey (October 2010)

Minnesota Unique Well No.
169190

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 02/28/1989
Update Date 03/11/2005
Received Date

Well Name HOLIDAY INN

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	34	W	36		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
86 ft.	86 ft.	03/14/1980

Drilling Method Non-specified Rotary

Geological Material	Color	Hardness	From	To
FINE SAND	BROWN	SOFT	0	43
CLAY	GRAY	HARD	43	55
BOULDERS		HARD	55	74
SAND	GRAY	SOFT	74	86

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Commercial

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
	15		76 ft. and 86 ft.

Static Water Level
10 ft. from Land surface Date Measured 03/14/1980

PUMPING LEVEL (below land surface)
70 ft. after 60 hrs. pumping 100 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
FRONT SECTION 36

Grouting Information Well Grouted? ☑ Yes ☐ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Diamond Water Wells	18446	WADDELL, L.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 169190 Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
186895

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 02/28/1989
Update Date 03/11/2005
Received Date

Well Name RUEBEN ROBERTSON

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	DC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
66 ft.	66 ft.	08/16/1984

Drilling Method Cable Tool

Geological Material	Color	Hardness	From	To
SAND & CLAY	YELLOW	HARD	0	18
SAND	YELLOW	HARD	18	42
SAND & CLAY	YELLOW	HARD	42	61
SAND	YELLOW	HARD	61	66

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Galvanized Joint Threaded Drive Shoe? ☑ Yes ☐ No Above/Below 1 ft.

Casing Diameter	Weight	Hole Diameter
2 in. to 62 ft.	3.75 lbs./ft.	

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
1.3	8	4	62 ft. and 66 ft.

Static Water Level
18 ft. from Land surface Date Measured 08/16/1984

PUMPING LEVEL (below land surface)
18 ft. after 120 hrs. pumping 10 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☐ Yes ☑ No

Nearest Known Source of Contamination
75 feet E direction Other type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 08/16/1984
Manufacturer's name TAIT Model number 5CAT HP 0.5 Volts 110
Length of drop Pipe 21 ft. Capacity 6 g.p.m Type Jet Material Galvanized

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Nelson Well Drilling	04121	NELSON, L.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

186895

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
442354

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 11/08/1990
Update Date 02/04/2004
Received Date

Well Name KERNMER, KAY

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
52 ft.	52 ft.	10/06/1989

Drilling Method Non-specified Rotary

Well Address
2316 BARDWELL DR NW
BEMIDJI MN 5660

Geological Material	Color	Hardness	From	To
SAND	YELLOW	SOFT	0	15
SAND	BLUE	SOFT	15	35
CLAY	BLUE	SOFT	35	43
SAND	YELLOW	MEDIUM	43	52

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below 1 ft.

Casing Diameter	Weight	Hole Diameter
		6.25 in. to 52 ft.

Open Hole from ft. to ft.

Screen YES Make SMITH Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
	12	4	ft. and ft.

Static Water Level
15 ft. from Land surface Date Measured 10/06/1989

PUMPING LEVEL (below land surface)
ft. after hrs. pumping 40 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
NORTH OF THE EAST END OF THE AIRPORT

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from to ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Aqua Well Drilling	04463	YERBICH, A.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 442354 Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
450493

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 03/03/1991
Update Date 07/24/2000
Received Date

Well Name OLSON, RON

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	CCC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
47 ft.	47 ft.	09/23/1987

Drilling Method Jetted

Well Address

BEMIDJI MN 56601

Geological Material	Color	Hardness	From	To
SAND			0	39
CLAY	BLUE		39	43
SAND	BLUE		43	47

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Galvanized Joint Threaded Drive Shoe? ☑ Yes ☐ No Above/Below 1 ft.

Casing Diameter	Weight	Hole Diameter
2 in. to 42 ft.	3 lbs./ft.	

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type

Diameter	Slot/Gauze	Length	Set Between
1.3	12	48	43 ft. and 47 ft.

Static Water Level
14 ft. from Land surface Date Measured 09/23/1987

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☐ Yes ☐ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

License Business Name | Lic. Or Reg. No. | SIZER, G. Name of Driller

County Well Index Online Report | 450493 | Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
471217

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/25/1992
Update Date 08/28/2007
Received Date 06/24/1991

Well Name BEMIDJI AVIATION MW-1

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	34	W	36	ACD	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
20 ft.	20 ft.	06/06/1991

Drilling Method Other

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Abandoned Status Sealed

Casing Type Steel (black or low carbon) Joint Threaded Drive Shoe? ☐ Yes ☑ No Above/Below 2 ft.

Casing Diameter	Weight	Hole Diameter
2 in. to 10 ft.	lbs./ft.	8 in. to 20 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	20	10	10 ft. and 20 ft.

Static Water Level
15 ft. from Land surface Date Measured 06/06/1991

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

Geological Material	Color	Hardness	From	To
CONCRETE	WHITE		0	1
SAND - MODERATE	YEL/BRN		1	6
SAND - DARK, YELL/BRN			6	14
SAND - PALE, YELL/BRN			14	20

REMARKS
MONITORING WELL IS USED TO CK THE SPREAD OF GAS IN THE GROUND WATER.
WELL SEALED 10-05-1993 BY 75330
ORIGINAL USE MW - MONITOR WELL - #1
DRILLING METHOD - HOLLOW ROD

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 9 to 10 ft.
Grout Material: Neat Cement from to 9 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Valnes Well Co.	75330	VALNES, T.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 471217 Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
471218

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/25/1992
Update Date 10/16/2008
Received Date 06/24/1991

Well Name BEMIDJI AVIATION MW-2

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	34	W	36	ACD	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
20 ft.	20 ft.	06/06/1991

Drilling Method Other

Well Address
2 HY W
MN

Geological Material	Color	Hardness	From	To
CONCRETE	WHITE		0	1
SAND - MODERATE YELL/BRN			1	6
SAND - DARK YELL/BRN			6	14
SAND - PALE YELL/BRN			14	20

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Abandoned Status Sealed

Casing Type Steel (black or low carbon) Joint Threaded Drive Shoe? ☐ Yes ☑ No Above/Below 2 ft.

Casing Diameter	Weight	Hole Diameter
2 in. to 10 ft.	lbs./ft.	8 in. to 20 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	10	10	10 ft. and 20 ft.

Static Water Level
16 ft. from Land surface Date Measured 06/06/1991

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
MW WELL IS USED TO CHECK THE SPREAD OF GASOLINE IN THE GROUND WATER.
WELL SEALED 10-05-1993 BY 75330
ORIGINAL USE MW - MONITOR WELL - #2
DRILLING METHOD - HOLLOW ROD

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 9 to 10 ft.
Grout Material: Neat Cement from to 9 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Valnes Well Co.	75330	VALNES, T.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 471218 Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
471219

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/25/1992
Update Date 10/16/2008
Received Date 06/24/1991

Well Name BEMIDJI AVIATION MW-3

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	34	W	36	ACD	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
20 ft.	20 ft.	06/06/1991

Drilling Method --

Well Address
2 HY W
MN

Geological Material	Color	Hardness	From	To

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Abandoned Status Sealed

Casing Type Steel (black or low carbon) Joint Threaded Drive Shoe? ☐ Yes ☑ No Above/Below 2 ft.

Casing Diameter	Weight	Hole Diameter
2 in. to 10 ft.	lbs./ft.	8 in. to 20 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	10	10	10 ft. and 20 ft.

Static Water Level
15.5 ft. from Land surface Date Measured 06/06/1991

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
MW WELL IS TO CHECK TO SPREAD OF GASOLINE IN THE GROUND WATER.
WELL SEALED 10-05-1993 BY 75330
ORIGINAL USE MW - MONITOR WELL

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 9 to 10 ft.
Grout Material: Neat Cement from to 9 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

Well Contractor Certification

Valnes Well Co.	75330	VALNES, T.
License Business Name	Lic. Or Reg. No.	Name of Driller

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HE-01205-07

Minnesota Unique Well No.
477256

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 04/04/1992
Update Date 07/24/2000
Received Date

Well Name PETSCHE, WILLIAM

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	DDB	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
54 ft.	54 ft.	07/03/1991

Drilling Method Cable Tool

Well Address
2323 ALGEE CT NW
MN

Geological Material	Color	Hardness	From	To
SAND	YELLOW		0	27
CLAY			27	48
SAND			48	54
CLAY & ROCK	BLACK		54	

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Steel (black or low carbon) Joint Threaded Drive Shoe? ☑ Yes ☐ No Above/Below 3 ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 50 ft.	lbs./ft.	

Open Hole from ft. to ft.

Screen YES Make COOK Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	12	4	50 ft. and 54 ft.

Static Water Level
26 ft. from Land surface Date Measured 07/03/1991

PUMPING LEVEL (below land surface)
38 ft. after 30 hrs. pumping 15 g.p.m.

Well Head Completion
Pitless adapter manufacturer MAASS Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☐ Yes ☑ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name AERMOTOR Model number __ HP 0.5 Volts 220
Length of drop Pipe 30 ft. Capacity __g.p.m Type Submersible Material Plastic

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Lahman Well Drilling	04051	LAHMAN, C.

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Minnesota Unique Well No.
478252

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/19/1991
Update Date 07/24/2000
Received Date

Well Name SHIPPER, SHARON

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	ACC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
50 ft.	50 ft.	07/01/1991

Drilling Method Non-specified Rotary

Well Address
2405 ALYCE CT
BEMIDJI MN 56601

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below 1 ft.

Geological Material	Color	Hardness	From	To
SAND	BROWN		0	19
SAND	GRAY		19	26
SILTY CLAY	GRAY		26	30
SAND	GRAY		30	50

Casing Diameter	Weight	Hole Diameter
4 in. to 45 ft.	lbs./ft.	8.8 in. to 50 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type plastic

Diameter	Slot/Gauze	Length	Set Between
4	23	5	45 ft. and 50 ft.

Static Water Level
12 ft. from Land surface Date Measured 07/01/1991

PUMPING LEVEL (below land surface)
38 ft. after 60 hrs. pumping 30 g.p.m.

Well Head Completion
Pitless adapter manufacturer STEEL MASS Model J
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 40 to 10 ft.

Nearest Known Source of Contamination
100 feet direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 07/02/1991
Manufacturer's name AERMOTOR Model number SD12-50 HP 0.5 Volts 230
Length of drop Pipe 35 ft. Capacity 9 g.p.m Type Submersible Material Plastic

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
North Star Drilling	49588	FELL, B.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

478252

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
514124

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 03/09/1993
Update Date 03/11/2005
Received Date

Well Name FRONTIER HOMES INC

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	BAA	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
56 ft.	56 ft.	09/28/1992

Drilling Method Cable Tool

Geological Material	Color	Hardness	From	To
SAND	YELLOW		0	56

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☑ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 52 ft.	11 lbs./ft.	

Open Hole from ft. to ft.

Screen YES Make COOK Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
4	10	4	52 ft. and 52 ft.

Static Water Level
18 ft. from Land surface Date Measured 09/28/1992

PUMPING LEVEL (below land surface)
33 ft. after 30 hrs. pumping 15 g.p.m.

Well Head Completion
Pitless adapter manufacturer MAASS Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☐ Yes ☐ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Lahman Well Drilling	04051	LAHMAN, C.

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HE-01205-07

Minnesota Unique Well No.
518168

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 03/09/1993
Update Date 02/04/2004
Received Date

Well Name KOLP, RICHARD

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	DAC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
54 ft.	54 ft.	10/20/1992

Drilling Method Non-specified Rotary

Well Address
3611 LAUREL DR NW
MN

Geological Material	Color	Hardness	From	To
SAND	YELLOW	SOFT	0	27
CLAY	BLUE	SOFT	27	31
SAND	BLUE	HARD	31	54

Drilling Fluid
Revert

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 50 ft.	lbs./ft.	8.5 in. to 30 ft.
		6.25 in. to 54 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type

Diameter	Slot/Gauze	Length	Set Between
2	12	4	50 ft. and 54 ft.

Static Water Level
16 ft. from Land surface Date Measured 10/20/1992

PUMPING LEVEL (below land surface)
16 ft. after 120 hrs. pumping 35 g.p.m.

Well Head Completion
Pitless adapter manufacturer MAASS Model 4J1
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
DICK'S MARINE

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 7 to 30 ft.
Grout Material: Cuttings from 30 to 39 ft.

Nearest Known Source of Contamination
60 feet South West direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 10/22/1992
Manufacturer's name STA-RITE Model number 10SP4C02T HP 0.5 Volts 220
Length of drop Pipe 40 ft. Capacity 10 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Nelson Well Drilling	04121	REED, G.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

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HE-01205-07

Minnesota Unique Well No.
547810

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 10/26/1994
Update Date 02/04/2004
Received Date

Well Name OLSON, REID & KATHY

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	ACC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
55 ft.	55 ft.	06/23/1994

Drilling Method Non-specified Rotary

Well Address
2321 ANNE ST NW
BEMIDJI MN 56601

Geological Material	Color	Hardness	From	To
SAND	YELLOW	SOFT	0	30
CLAY	YELLOW	SOFT	30	45
SAND	YELLOW	HARD	45	55

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 50 ft.	lbs./ft.	8 in. to 30 ft.
		6.25 in. to 55 ft.

Open Hole from ft. to ft.

Screen YES Make Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	10	5	50 ft. and 55 ft.

Static Water Level
18 ft. from Land surface Date Measured 06/23/1994

PUMPING LEVEL (below land surface)
18 ft. after 120 hrs. pumping 20 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 8 to 30 ft. 3 bags

Nearest Known Source of Contamination
75 feet S direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number HP Volts
Length of drop Pipe ft. Capacity g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Nelson Well Drilling	04121	REED, G.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

547810

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
549969

County Beltrami
Quad Peterson Lake
Quad ID 329C

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 01/01/1980
Update Date 01/03/2005
Received Date

Well Name LOREN, ROBERT
Township Range Dir Section Subsections Elevation
147 33 W 31 ABD
Elevation Method 1380 ft. Calc from DEM (USGS 7.5 min or equiv.)

Well Depth	Depth Completed	Date Well Completed
108 ft.	108 ft.	03/24/1995

Drilling Method Non-specified Rotary

Drilling Fluid Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint Glued Drive Shoe? ☑ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 96 ft.	1.87 lbs./ft.	8.3 in. to 30 ft.
		6.25 in. to 108 ft.

Open Hole from ft. to ft.

Screen YES Make COOK Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	12	12	96 ft. and 108 ft.

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	49
CLAY	GRAY	MEDIUM	49	67
SAND	GRAY	SOFT	67	72
CLAY AND SAND	GRAY	MEDIUM	72	93
SAND	YELLOW	MEDIUM	93	108

Static Water Level
12 ft. from Land surface Date Measured 03/24/1995

PUMPING LEVEL (below land surface)
108 ft. after 120 hrs. pumping 75 g.p.m.

Well Head Completion
Pitless adapter manufacturer MONITOR Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 7 to 30 ft. 4 bags

Located Beltrami Cty. Soil & Water Cons. Dist.
Method GPS SA On (averaged)
Unique Number Verification Information from owner
Date N/A
System UTM - Nad83, Zone15, Meters
X: 356185 Y: 5262812

Nearest Known Source of Contamination
55 feet W direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 03/24/1995
Manufacturer's name GOULD Model number 48LE30 HP 3 Volts 230
Length of drop Pipe 80 ft. Capacity 70 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Bradseth Well Co.	04527	BRADSETH, C.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

549969

Printed 6/25/2008
HE-01205-07

Minnesota Unique Well No.
566297

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 12/20/1995
Update Date 02/04/2004
Received Date

Well Name BEWELY, DAVID

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	ACD	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
55 ft.	55 ft.	11/14/1995

Drilling Method Non-specified Rotary

Well Address
2120 ANNE ST
BEMIDJI MN 56601

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	12
CLAY	GRAY	MEDIUM	12	19
SAND, GRAVEL	GRAY	MEDIUM	19	28
CLAY	GRAY	MEDIUM	28	41
SAND	BROWN	SOFT	41	55

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 51 ft.	lbs./ft.	6.75 in. to 55 ft.

Open Hole from ft. to ft.

Screen YES Make HALBURTON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	12	4	51 ft. and 55 ft.

Static Water Level
13 ft. from Land surface Date Measured 11/14/1995

PUMPING LEVEL (below land surface)
22 ft. after 60 hrs. pumping 25 g.p.m.

Well Head Completion
Pitless adapter manufacturer MONITOR Model SNAPPY
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 8 to 30 ft. 2 bags

Nearest Known Source of Contamination
60 feet W direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 11/15/1995
Manufacturer's name MYERS Model number __ HP 0.5 Volts 230
Length of drop Pipe _ft. Capacity 10 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☑ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Aqua Well Drilling	04463	SCANDIN, R.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

566297

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
569841

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 12/20/1995
Update Date 07/24/2000
Received Date

Well Name HURLEY, LLOYD

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	DDC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
57 ft.	57 ft.	11/20/1995

Drilling Method Non-specified Rotary

Well Address
BANDWELL PARK
MN

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	22
CLAY	BROWN	SOFT	22	24
SAND	BROWN	SOFT	24	30
SAND	GRAY	SOFT	30	57

Drilling Fluid
Other

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 52 ft.	lbs./ft.	8 in. to 57 ft.

Open Hole from ft. to ft.

Screen YES Make HOWARD SMITH Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	12	5	52 ft. and 57 ft.

Static Water Level
17 ft. from Land surface Date Measured 11/20/1995

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
BANDWELL PARK

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 8 to 40 ft. 1 yrds.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name STA-RITE Model number __ HP 0.5 Volts 230
Length of drop Pipe _ft. Capacity 10 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Sizer Water Well	04620	PINK, C.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

569841

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
576751

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 03/06/1997
Update Date 02/04/2004
Received Date

Well Name WIEBOLT, DARWIN

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	DAD	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
55 ft.	55 ft.	06/07/1996

Drilling Method Non-specified Rotary

Well Address
LUELE DR
BEMIDJI MN 56601

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	10
SAND	GRAY	SOFT	10	45
CLAY	BROWN	MEDIUM	45	49
SAND	GRAY	SOFT	49	55

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 51 ft.	lbs./ft.	6.75 in. to 55 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	12	4	51 ft. and 55 ft.

Static Water Level
20 ft. from Land surface Date Measured 06/07/1996

PUMPING LEVEL (below land surface)
30 ft. after 60 hrs. pumping 20 g.p.m.

Well Head Completion
Pitless adapter manufacturer MONITOR Model SNAPPY
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 8 to 30 ft. 2 bags

Nearest Known Source of Contamination
60 feet S direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 06/14/1996
Manufacturer's name STA-RITE Model number HP 0.75 Volts 230
Length of drop Pipe 40 ft. Capacity 12 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Aqua Well Drilling	04463	SCANDIN, R.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

576751

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
585876

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/26/1997
Update Date 10/08/2008
Received Date

Well Name OTTERTAIL REALTY

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	ADC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
57 ft.	57 ft.	06/14/1997

Drilling Method Non-specified Rotary

Well Address
1925 ANN ST NW
BEMIDJI MN

Geological Material	Color	Hardness	From	To
NO RECORD			0	57

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 53 ft.	lbs./ft.	8.5 in. to 30 ft.
		6.25 in. to 57 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	12	4	53 ft. and 57 ft.

Static Water Level
18 ft. from Land surface Date Measured 06/14/1997

PUMPING LEVEL (below land surface)
20 ft. after 2 hrs. pumping 30 g.p.m.

Well Head Completion
Pitless adapter manufacturer SNAPPY Model 8PL41U
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 30 ft. 3 bags

Nearest Known Source of Contamination
78 feet N direction Septic tank/drain field type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed 06/17/1997
Manufacturer's name MEYERS Model number 2N52-12 HP 0.5 Volts 220
Length of drop Pipe 40 ft. Capacity 12 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Nelson Well Drilling	04121	REED, G.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 585876 Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
599787

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 05/10/1999
Update Date 03/11/2005
Received Date

Well Name HWMENIK, JAMES

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
55 ft.	55 ft.	04/17/1998

Drilling Method Non-specified Rotary

Well Address
1898 ANN ST

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below ft.

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	15
SAND	GRAY	SOFT	15	28
CLAY	GRAY	SOFT	28	47
SAND	BROWN	SOFT	47	55

Casing Diameter	Weight	Hole Diameter
4 in. to 55 ft.	lbs./ft.	

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	12	5	50 ft. and 55 ft.

Static Water Level
15 ft. from Land surface Date Measured 04/17/1998

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer SNAPPY Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: from 8 to 30 ft. 2 bags

Nearest Known Source of Contamination
55 feet North West direction Tanks type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name STA RITE Model number __ HP 0.5 Volts 230
Length of drop Pipe _ft. Capacity 10 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Sizer Water Well	04620	PINK, C.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

599787

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
609276

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 07/01/1998
Update Date 07/24/2000
Received Date

Well Name DAHL, JOHN

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	DCB	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
60 ft.	60 ft.	04/14/1998

Drilling Method Non-specified Rotary

Well Address
BARDWELL PARK
BEMIDJI MN 56601

Geological Material	Color	Hardness	From	To
SAND	BROWN		0	25
CLAY	BRN/GRY		25	35
SAND	BROWN		35	50
SAND	GRAY		50	60

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☑ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 55 ft.	lbs./ft.	8.8 in. to 60 ft.

Open Hole from ft. to ft.

Screen YES Make CERTAINTEED Type plastic

Diameter	Slot/Gauze	Length	Set Between
4	23	5	55 ft. and 60 ft.

Static Water Level
12 ft. from Land surface Date Measured 04/14/1998

PUMPING LEVEL (below land surface)
40 ft. after 60 hrs. pumping 30 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 0 to 30 ft.

Nearest Known Source of Contamination
50 feet direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number HP Volts
Length of drop Pipe ft. Capacity g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
North Star Drilling	49588	FELL, B.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

609276

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
623421

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 03/07/2000
Update Date 03/11/2005
Received Date

Well Name HASKELL, JAMES

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	ADC	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
64 ft.	64 ft.	04/12/1999

Drilling Method Non-specified Rotary

Well Address
1931 ANNE ST NW
BEMIDJI MN 56601

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☑ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 60 ft.	lbs./ft.	6.75 in. to 64 ft.

Open Hole from ft. to ft.

Screen YES Make WESCO Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
4	12	4	60 ft. and 64 ft.

Geological Material	Color	Hardness	From	To
SNAD	BROWN	MEDIUM	0	15
SAND/GRAVEL	BROWN	MEDIUM	15	30
CLAY	GRAY	MEDIUM	30	35
CLAYFINE SAND	BROWN	MEDIUM	35	45
CLAY/SANDY	GRAY	MEDIUM	45	55
SAND	GRAY	MEDIUM	55	64

Static Water Level
14 ft. from Land surface Date Measured 04/12/1999

PUMPING LEVEL (below land surface)
20 ft. after 1 hrs. pumping 30 g.p.m.

Well Head Completion
Pitless adapter manufacturer MERRILL Model MCK4100
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from 8 to 30 ft. 2 bags

Nearest Known Source of Contamination
100 feet North East direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 04/29/1999
Manufacturer's name GOULD Model number 10SB05 HP 0.5 Volts 230
Length of drop Pipe 30 ft. Capacity 10 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Aqua Well Drilling	04463	EVANS, T.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

623421

Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
710183

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date
Update Date 05/03/2006
Received Date 12/22/2004

Well Name
Township 147 | Range 33 | Dir W | Section 31 | Subsections DAD | Elevation ft. | Elevation Method

Well Depth: 84 ft. | Depth Completed: 84 ft. | Date Well Completed: 06/17/2004

Drilling Method Non-specified Rotary

Well Address
BARDWELL CT
BEMIDJI MN 56601

Drilling Fluid: Bentonite

Well Hydrofractured? ☐ Yes ☑ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Geological Material	Color	Hardness	From	To
SAND	BROWN	SOFT	0	22
FINE SAND	GRAY	SOFT	22	45
SAND	BROWN	SOFT	45	84

Casing Diameter	Weight	Hole Diameter
4 in. to 80 ft.	lbs./ft.	6.75 in. to 84 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	10	4	80 ft. and 84 ft.

Static Water Level
15 ft. from Land surface Date Measured 06/17/2004

PUMPING LEVEL (below land surface)
30 ft. after 1 hrs. pumping 35 g.p.m.

Well Head Completion
Pitless adapter manufacturer MERRILL Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
WELL LOCATION: LOT 17 BLOCK 1 BARDWELL CT. BEMIDJI

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: High solids bentonite from to 30 ft. 2 bags

Nearest Known Source of Contamination
200 feet South East direction Septic tank/drain field type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 06/23/2004
Manufacturer's name RED JACKET Model number 50F211 HP 0.5 Volts 230
Length of drop Pipe 40 ft. Capacity 12 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Aqua Well Drilling	04463	CESOLINI, C.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report | 710183 | Printed 4/3/2009
HE-01205-07

Minnesota Unique Well No.
721170

County Beltrami
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date
Update Date 08/02/2006
Received Date 01/12/2006

Well Name COOP. DEVELOPMENT

Township	Range	Dir	Section	Subsections	Elevation	ft.
147	33	W	31	ACB	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
72 ft.	72 ft.	04/18/2005

Drilling Method Non-specified Rotary

Well Address
2419 BORING CT NW
BEMIDJI MN 56601

Geological Material	Color	Hardness	From	To
SAND	BROWN	MEDIUM	0	28
CLAY	BLUE	MEDIUM	28	56
SAND	BROWN	HARD	56	72

Drilling Fluid
Bentonite

Well Hydrofractured? ☐ Yes ☑ No
From Ft. to Ft.

Use Domestic

Casing Type Plastic Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
4 in. to 60 ft.	lbs./ft.	8.5 in. to 30 ft.
		6.25 in. to 72 ft.

Open Hole from ft. to ft.

Screen YES Make JOHNSON Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
4	10	12	60 ft. and 72 ft.

Static Water Level
15 ft. from Land surface Date Measured 04/18/2005

PUMPING LEVEL (below land surface)
20 ft. after 2 hrs. pumping 100 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection N ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Bentonite from to 30 ft. 3 bags

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 04/21/2005
Manufacturer's name GOULD Model number 556530 HP 3 Volts 230
Length of drop Pipe 40 ft. Capacity 70 g.p.m Type Submersible Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☑ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☑ No

Well Contractor Certification

Nelson Well Drilling	04121	REED, J.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

721170

Printed 4/3/2009
HE-01205-07

Appendix C

Burnsville ABLE Training Center Groundwater Receptor Survey Documents

LEGEND:

Inferred Groundwater Flow Direction

North

FIGURE
RECEPTOR SURVEY
ABLE FIRE TRAINING CENTER
BURNSVILLE, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL04	NR	DD
DATE	REVIEWED BY	FILE NAME
06/30/11		Burnsville-1

anteagroup

In Person Interview 8-17-10

Receptor Survey Questionnaire

PROPERTY ADDRESS: 12205 River Ridge Blvd - Northern Tool & Equip

1. Is there, or has there ever been, a water well on the property? **Yes** (**No**) **Unknown**

If you answered **No or Unknown**, proceed to Question 2. No evidence of any

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (**Yes**) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Store Manager

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: John Adamich => Lodge of Bemidji
12101 Hwy 35 SW

1. Is there, or has there ever been, a water well on the property? **Yes** (**No**) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (**Yes**) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name John Adamich => Lodge of Bemidji

Telephone Number 612/237-8021 (cell) DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: 12101 Hwy 35 W SOUTH BURNSVILLE

1. Is there, or has there ever been, a water well on the property? **Yes** (No) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name JOHN HAMICH

Telephone Number CELL 612-237-8001 DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (Yes) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name JOHN HAMICH

Telephone Number CELL 612-237-8001 DAY or EVENING (please circle one and state best time to reach you)

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– In Person Interview 8-17-10

Receptor Survey Questionnaire

PROPERTY ADDRESS: 600 12th St. W. – Walser Suburu

1. Is there, or has there ever been, a water well on the property? **Yes** **No** **Unknown**

Not aware of

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

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If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

In Person Interview 8-17-10

Receptor Survey Questionnaire

PROPERTY ADDRESS: 12001 Hwy 35 - All State Self Storage

1. Is there, or has there ever been, a water well on the property? **Yes** (**No**) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (**Yes**) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Owner/Manager

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

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If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: 11737 HWY 35W CHAKO GOLF

1. Is there, or has there ever been, a water well on the property? **Yes** **No** **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name MICHAEL McGOWAN

Telephone Number (952) 890-1081 DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name ABOVE

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

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11-3-10 No water supply wells, just monitoring wells.

PLEASE CONTACT CAMPBELL FIRST CO MPCA

In Person Interview - 8-17-10

Receptor Survey Questionnaire

PROPERTY ADDRESS: Bury & Carlson - 201 12 1st St. NW

1. Is there, or has there ever been, a water well on the property? **Yes** (**No**) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (**Yes**) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: Rivers Edge Business Center, 25 W. Cliff Road, Burnsville

1. Is there, or has there ever been, a water well on the property? **Yes** (No) **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____ DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? (Yes) **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name MICHAEL VALENTINE, MANAGING PARTNER

Telephone Number 612-850-4374 DAY or EVENING (please circle one and state best time to reach you)

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If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: 12259 (12250-12268) Nicollet Avenue, Burnsville

1. Is there, or has there ever been, a water well on the property? **Yes** **No** **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

_____

1f. Where on the property is (was) the well located?_____

_____

_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name Nick Kau - Wellington Mgmt.

Telephone Number 651-999-5537 DAY or EVENING (please circle one and state best time to reach you)

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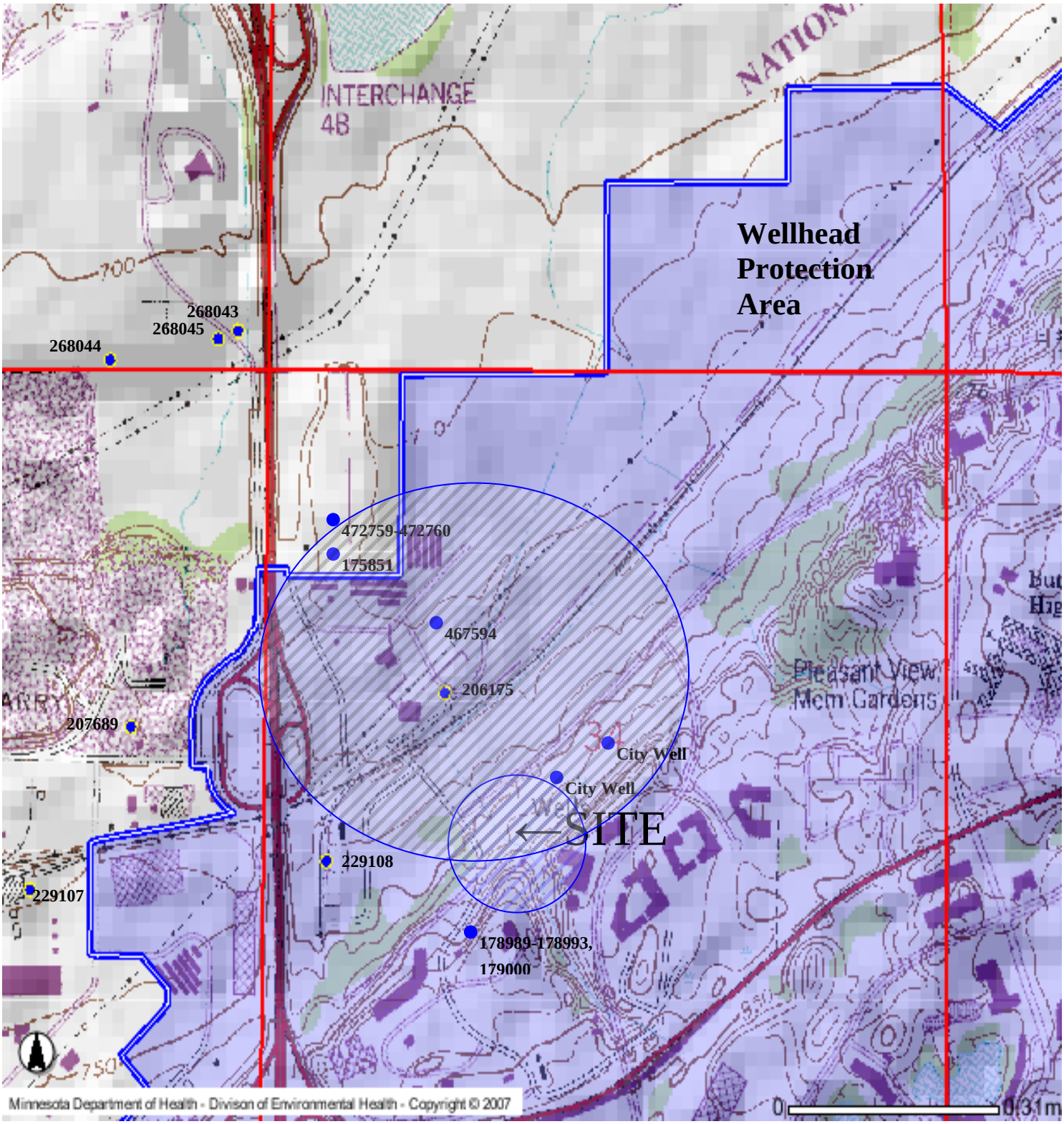
If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

BURNSVILLE CWI Well Map



Approximate Area of Receptor Survey

Minnesota Unique Well No.
175851

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/22/2001
Update Date
Received Date

Well Name BURNSVILLE TW
Township 27 | Range 24 | Dir W | Section 34 | Subsections BCD | Elevation | ft. | Elevation Method

Well Depth	Depth Completed	Date Well Completed
100 ft.	100 ft.	04/16/1980

Drilling Method Non-specified Rotary

Geological Material	Color	Hardness	From	To
DRIFT			0	17
SHAKOPEE	YELLOW	HARD	17	100

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Test well

Casing Type Steel (black or low carbon) Joint No Information Drive Shoe? ☑ Yes ☐ No Above/Below 2 ft.

Casing Diameter	Weight	Hole Diameter
6 in. to 60 ft.	20 lbs./ft.	

Open Hole from 60 ft. to 160 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
5 ft. from Land surface Date Measured 04/16/1980

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 60 ft. 2.5 yrds.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☑ Yes ☐ No

Pump ☐ Not Installed Date Installed 05/16/1980
Manufacturer's name DEMPSTER Model number 15C2-59-S1 HP 0.5 Volts 115
Length of drop Pipe 54 ft. Capacity 20 g.p.m Type Submersible Material Galvanized

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Stevens Well Co.	27194	KADERLIK, C.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 175851 Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
178989

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/22/2001
Update Date
Received Date

Well Name BURNSVILLE MW

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	24	W	34		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
110 ft.	110 ft.	06/00/1981

Drilling Method Non-specified Rotary

Well Address
12111 RIVER RIDGE
BURNSVILLE MN

Geological Material	Color	Hardness	From	To
DRIFT	BLACK	SOFT	0	11
LIMEROCK	YELLOW	HARD	11	65
SANDSTONE	YELLOW	SOFT	65	68
LIMEROCK	YEL/GRY	HARD	68	110

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
12 in. to 11 ft.	49 lbs./ft.	18.5 in. to 11 ft.
6 in. to 70 ft.	19 lbs./ft.	12 in. to 70 ft.

Open Hole from 70 ft. to 110 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping 200 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 70 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
Stevens Well Co.	27194	KADERLIK, C.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

178989

Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
178990

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/22/2001
Update Date 06/22/2001
Received Date

Well Name BURNSVILLE MW

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	24	W	34		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
110 ft.	110 ft.	06/00/1981

Drilling Method Non-specified Rotary

Well Address
12111 RIVERRIDGE BL
BURNSVILLE MN

Geological Material	Color	Hardness	From	To
DRIFT	BLACK	SOFT	0	11
LIMEROCK	YELLOW	HARD	11	65
SANDSTONE	YELLOW	SOFT	65	68
LIMEROCK	YEL/GRY	HARD	68	94
SANDSTONE	YELLOW	SOFT	94	100
LIMEROCK	YELLOW	M.HARD	100	110

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Test well

Casing Type Steel (black or low carbon) Joint No Information Drive Shoe? ☐ Yes ☑ No Above/Below 110 ft.

Casing Diameter	Weight	Hole Diameter
12 in. to 11 ft.	49 lbs./ft.	18.5 in. to 11 ft.
6 in. to 70 ft.	19 lbs./ft.	12 in. to 70 ft.

Open Hole from 70 ft. to 110 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping 200 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
MONITORING WELL SHAKOPEE.

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 70 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Stevens Well Co.	27194	KADERLIK, C.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 178990 Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
178991

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/22/2001
Update Date
Received Date

Well Name BURNSVILLE MW

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	24	W	34		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
110 ft.	110 ft.	06/00/1981

Drilling Method Non-specified Rotary

Well Address
12111 RIVER RIDGE BL

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Geological Material	Color	Hardness	From	To
DRIFT	BLACK	SOFT	0	12
LIMEROCK	YELLOW	HARD	12	94
SANDSTONE	YELLOW	SOFT	94	99
LIMEROCK	YELLOW	M.HARD	99	110

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
12 in. to 12 ft.	49 lbs./ft.	18.5 in. to 12 ft.
6 in. to 70 ft.	19 lbs./ft.	12 in. to 70 ft.

Open Hole from 70 ft. to 110 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping 200 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
IN THE PUMP SECTION LOCK BOXES & RECORDERS WERE USED.

Grouting Information Well Grouted? ☐ Yes ☐ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Stevens Well Co.	27194	KADERLIK, C.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

178991

Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
178992

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/22/2001
Update Date 06/22/2001
Received Date

Well Name BURNSVILLE MW

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	24	W	34		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
220 ft.	220 ft.	06/00/1981

Drilling Method Non-specified Rotary

Well Address
12111 RIVER RIDGE BL
MN

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
12 in. to 35 ft.	lbs./ft.	18.5 in. to 35 ft.
6 in. to 185 ft.	lbs./ft.	12 in. to 183 ft.

Open Hole from ft. to ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Geological Material	Color	Hardness	From	To
CLAY	BLACK	SOFT	0	21
COARSE GRAVEL	GRAY	SOFT	21	35
LIMESTONE	YELLOW	M.HARD	35	38
LIMEROCK CAVERN	YELLOW	SOFT	38	39
LIMEROCK	YELLOW	M.HARD	39	45
LIMEROCK CAVERN	YELLOW	SOFT	45	48
LIMEROCK	YELLOW	HARD	48	65
SANDSTONE	YELLOW	SOFT	65	68
LIMEROCK	YELLOW	SOFT	68	96
SANDSTONE W/LIMEROCK LENS	YELLOW	SOFT	96	104
LIMEROCK	YELLOW	M.HARD	104	125
LIMEROCK	GRAY	HARD	125	155
SANDROCK ONEOTA	DK. GRY	HARD	160	160
SANDSTONE/ JORDAN	DK. GRY	M.HARD	160	220

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
JORDAN EVERY 8-10 FEET HAD HARD LENSES.

Grouting Information Well Grouted? ☐ Yes ☐ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Stevens Well Co.	27194	KADERLIK, C.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

178992

Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
178993

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/22/2001
Update Date
Received Date

Well Name BURNSVILLE MW

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	24	W	34		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
220 ft.	220 ft.	06/00/1981

Drilling Method Non-specified Rotary

Well Address
12111 RIVER RIDGE BL

Geological Material	Color	Hardness	From	To
DRIFT	BLACK	SOFT	0	11
LIMEROCK	YELLOW	HARD	11	94
SANDSTONE	YELLOW	SOFT	94	100
LIMEROCK	YELLOW	HARD	100	163
SANDSTONE	WHT/GRY	M.HARD	163	220

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☑ No Above/Below ft.

Casing Diameter	Weight	Hole Diameter
12 in. to 11 ft.	49 lbs./ft.	18.5 in. to 11 ft.
6 in. to 183 ft.	19 lbs./ft.	12 in. to 183 ft.

Open Hole from 183 ft. to 220 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping 200 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
LOCK BOXES & RECORDERS

Grouting Information Well Grouted? ☐ Yes ☐ No

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Stevens Well Co.	27194	KADERLIK, C.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report 178993 Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
179000

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 06/22/2001
Update Date
Received Date

Well Name BURNSVILLE MW

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	24	W	34		Elevation Method	

Well Depth	Depth Completed	Date Well Completed
220 ft.	220 ft.	06/00/1981

Drilling Method Non-specified Rotary

Well Address
121111 RIVER RIDGE BL
BURNSVILLE MN

Geological Material	Color	Hardness	From	To
DRIFT	BLACK	SOFT	0	11
LIMEROCK	YELLOW	HARD	11	66
SANDSTONE	YELLOW	SOFT	66	69
LIMEROCK	YELLOW	HARD	69	159
SANDROCK	DK. GRY	HARD	159	165
SANDSTONE	WHT/GRY	SOFT	165	220

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Steel (black or low carbon) Joint Welded Drive Shoe? ☐ Yes ☑ No Above/Below 2.5 ft.

Casing Diameter	Weight	Hole Diameter
12 in. to 11 ft.	49 lbs./ft.	18.5 in. to 11 ft.
6 in. to 183 ft.	19 lbs./ft.	12 in. to 183 ft.

Open Hole from 183 ft. to 220 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
ft. after hrs. pumping 200 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

NO REMARKS

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from 0 to 183 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Stevens Well Co.	27194	KADERLIK, C.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report

179000

Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
206175

County Dakota
Quad Bloomington
Quad ID 104D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 10/19/1990
Update Date 06/22/2001
Received Date

Well Name BURNSVILLE
Township Range Dir Section Subsections Elevation
27 24 W 34 BDC Elevation Method 725 ft. 7.5 minute topographic map (+/- 5 feet)

Well Depth	Depth Completed	Date Well Completed
220 ft.	220 ft.	12/20/1963

Drilling Method --

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Abandoned Status Inactive

Casing Type Steel (black or low carbon) Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below 0 ft.

Casing Diameter	Weight	Hole Diameter
6 in. to 180 ft.	lbs./ft.	
6 in. to 180 ft.	lbs./ft.	

Open Hole from ft. to ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Well Address
12111 RIVER RIDGE BL
BURNSVILLE MN

Geological Material	Color	Hardness	From	To
FILL			0	12
SHAKOPEE-ONEOTA DOLOMITE			12	168
JORDAN SANDSTONE			168	220

Static Water Level
ft. from Date Measured

PUMPING LEVEL (below land surface)
0 ft. after hrs. pumping 200 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
ABANDONED OPEN HOLE ARTESIAN FLOW OPEN HOLE
CASING: 010 TO 0012;006 TO 0180.

Grouting Information Well Grouted? ☐ Yes ☐ No

Located United States Geological Survey
Method Digitized - scale 1:24,000 or larger (Digitizing Table)
Unique Number Verification N/A
Date N/A
System UTM - Nad83, Zone15, Meters X: 477578 Y: 4959030

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP 0 Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

First Bedrock Prairie Du Chien Group
Last Strat Jordan
Aquifer Jordan
Depth to Bedrock 12 ft.

Tri-state Well Co.	27118	
License Business Name	Lic. Or Reg. No.	Name of Driller

County Well Index Online Report

206175

Printed 6/26/2008
HE-01205-07

Minnesota Unique Well No.
229108

County Dakota
Quad Bloomington
Quad ID 104D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 05/20/1991
Update Date 03/08/2007
Received Date

Well Name NORTHWESTERN STATES CEMENT CO.
Township Range Dir Section Subsections Elevation
27 24 W 34 CBCABA Elevation Method
743 ft.
7.5 minute topographic map (+/- 5 feet)

Well Depth	Depth Completed	Date Well Completed
270 ft.	270 ft.	10/04/1963

Drilling Method --

Drilling Fluid --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Industrial

Casing Type Steel (black or low carbon) Joint No Information Drive Shoe? ☐ Yes ☐ No Above/Below 0 ft.

Casing Diameter	Weight	Hole Diameter
20 in. to 29 ft.	lbs./ft.	
12 in. to 194 ft.	lbs./ft.	

Open Hole from 194 ft. to 270 ft.

Screen NO Make Type

Diameter	Slot/Gauze	Length	Set Between

Well Address

BURNSVILLE MN

Geological Material	Color	Hardness	From	To
GLACIAL DRIFT			0	27
SHAKOPEE-ONEOTA DOLOMITE			27	179
JORDAN SANDSTONE			179	270

Static Water Level
-1 ft. from Land surface Date Measured 10/04/1963

PUMPING LEVEL (below land surface)
14 ft. after hrs. pumping 360 g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
WELL FLOWS DON'T KNOW HOW HIGH ABOVE GROUND LEVEL.
LINER PIPE GROUTED WITH PURE CEMENT.

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from to ft.

Located Minnesota Geological Survey
Method Digitization (Screen) - Map (1:24,000)
Unique Number Verification Information from owner
Date 08/30/2004
System UTM - Nad83, Zone15, Meters
X: 477296 Y: 4958679

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP 0 Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Tri-state Well Co.	27118	BENEKE, R.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock Prairie Du Chien Group
Last Strat Jordan
Aquifer Jordan
Depth to Bedrock 27 ft.

County Well Index Online Report

229108

Printed 6/26/2008
HE-01205-07

Minnesota Unique Well No.
467594

County Dakota
Quad Bloomington
Quad ID 104D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 12/04/1992
Update Date 10/01/2008
Received Date

Well Name MW-1
Township 27 | Range 24 | Dir W | Section 34 | Subsections BBA | Elevation | ft. | Elevation Method

Well Depth: 22 ft. | Depth Completed: 22 ft. | Date Well Completed: 10/09/1990

Drilling Method: Power Auger

Well Address
121ST ST & PLEASANT LM
BURNSVILLE MN

Drilling Fluid: --

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use: Monitor well

Geological Material	Color	Hardness	From	To
SAND FILL	BROWN	MEDIUM	0	3
SWAMP DEPOSIT	BLACK	SOFT	3	13
SANDY SILTY CLAY	BROWN	SOFT	13	18
COARSE SAND	BROWN	MEDIUM	18	22

Casing Type: Steel (black or low carbon) | Joint: Threaded | Drive Shoe? ☐ Yes ☑ No | Above/Below: 3 ft.

Casing Diameter	Weight	Hole Diameter
2 in. to 16.5 ft.	lbs./ft.	8.25 in. to 21.5 ft.

Open Hole from ft. to ft.

Screen YES | Make: JOHNSON | Type: stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	10	5	16.3 ft. and 21.3 ft.

Static Water Level
19 ft. from Land surface | Date Measured 10/09/1990

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer | Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
121ST ST. & PLEASANT AVE., BURNSVILLE
BURNSVILLE IND. PARK 3RD ADDITION, BLOCK 3, LOT 1
DAKOTA COUNTY PERMIT #90-6095; MW 1

Grouting Information: Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement — from 2 to 14 ft. — 0.05 yrds.
Grout Material: CONCRETE — from to 2 ft.

Nearest Known Source of Contamination
1500 feet North West direction Landfill type
Well disinfected upon completion? ☐ Yes ☑ No

Pump ☐ Not Installed | Date Installed
Manufacturer's name | Model number | HP | Volts
Length of drop Pipe ft. | Capacity g.p.m | Type | Material

Abandoned Wells: Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance: Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

License Business Name	Lic. Or Reg. No.	Name of Driller
American Eng Testing	M0024	ROMAN, B.

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

County Well Index Online Report | 467594 | Printed 4/2/2009
HE-01205-07

Minnesota Unique Well No.
472759

County Dakota
Quad
Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD
Minnesota Statutes Chapter 103I

Entry Date 09/29/2008
Update Date 09/29/2008
Received Date

Well Name MW-1

Township	Range	Dir	Section	Subsections	Elevation	ft.
27	24	W	34	BB	Elevation Method	

Well Depth	Depth Completed	Date Well Completed
22 ft.	21 ft.	09/18/1990

Drilling Method Power Auger

Well Address

BURNSVILLE MN

Geological Material	Color	Hardness	From	To
FILL, MIX OF SILT OR FLY ASH & PEA			0	1
PEAT	BLACK		1	3
ORG CLAY W/ FEW SHELLS, ROOTS PEAT	GRAY	SOFT	3	8
SANDY LEAN CLAY SOME GRAVEL	BROWN	SOFT	8	9
LEAN CLAY W/ SAND	BROWN	SOFT	9	17
SANDY LEAN CLAY W/ SOME GRAVEL STI	GRY/BRN		17	22

Drilling Fluid
--

Well Hydrofractured? ☐ Yes ☐ No
From Ft. to Ft.

Use Monitor well

Casing Type Steel (black or low carbon) Joint Threaded Drive Shoe? ☐ Yes ☑ No Above/Below 2.7 ft.

Casing Diameter	Weight	Hole Diameter
2 in. to 10.5 ft.	lbs./ft.	8 in. to 20.5 ft.

Open Hole from ft. to ft.

Screen YES Make WESCO Type stainless steel

Diameter	Slot/Gauze	Length	Set Between
2	10		10.5 ft. and 20.5 ft.

Static Water Level
14.1 ft. from Land surface Date Measured 09/18/1990

PUMPING LEVEL (below land surface)
ft. after hrs. pumping g.p.m.

Well Head Completion
Pitless adapter manufacturer Model
☐ Casing Protection ☑ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

REMARKS
LOCATION: MAP ATTACHED TO WELL LOG

Grouting Information Well Grouted? ☑ Yes ☐ No

Grout Material: Neat Cement from to 5.5 ft.

Nearest Known Source of Contamination
__feet __direction __type
Well disinfected upon completion? ☐ Yes ☑ No

Pump ☐ Not Installed Date Installed
Manufacturer's name Model number __ HP _ Volts
Length of drop Pipe _ft. Capacity _g.p.m Type Material

Abandoned Wells Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Well Contractor Certification

Gislason, John	M0070	BRABENDER, K.
License Business Name	Lic. Or Reg. No.	Name of Driller

First Bedrock
Last Strat
Aquifer
Depth to Bedrock ft.

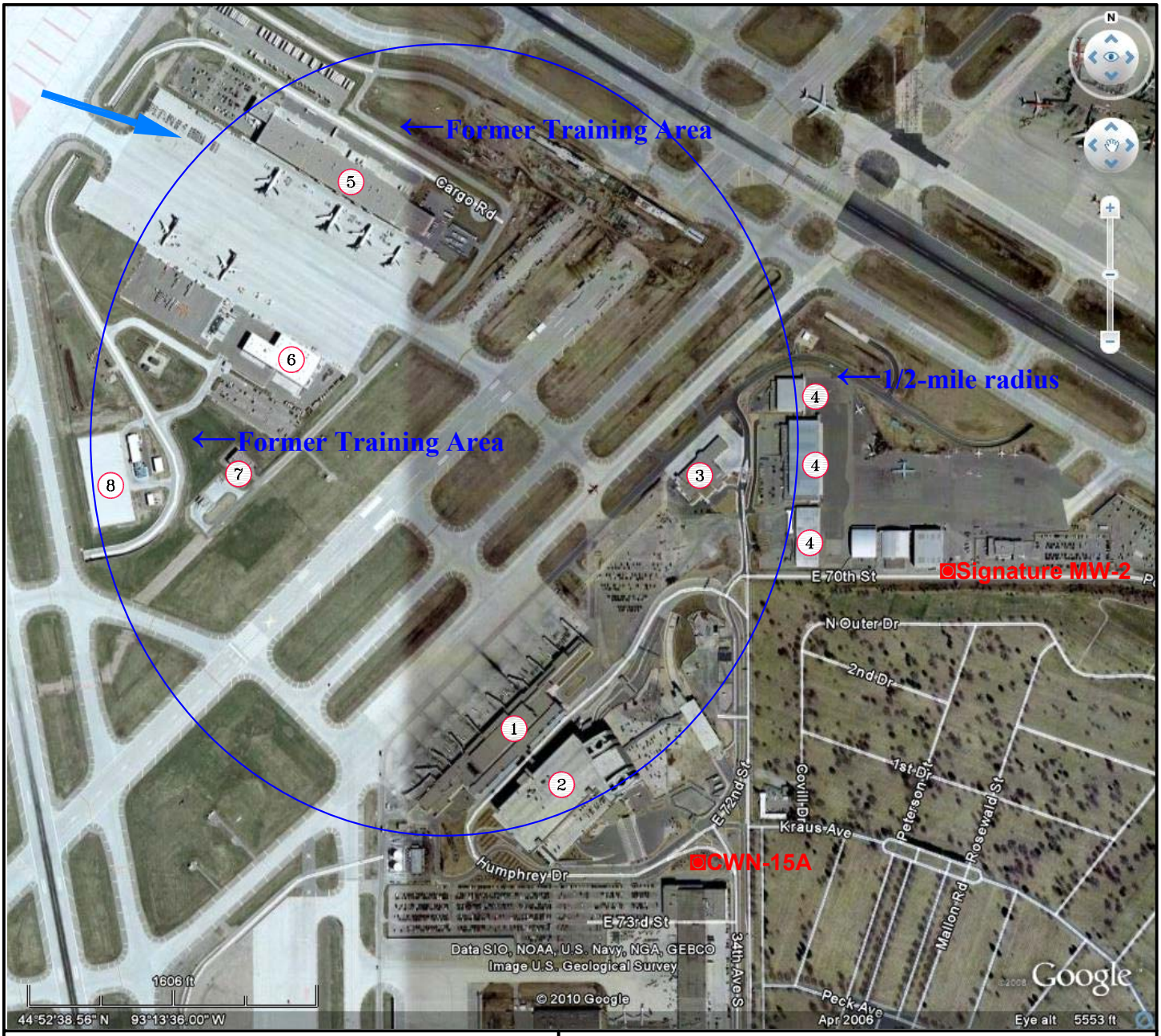
County Well Index Online Report

472759

Printed 4/2/2009
HE-01205-07

Appendix D

MSP Airport Groundwater Receptor Survey Documents



LEGEND:

- Monitoring Well
- Inferred Groundwater Flow Direction

Property Occupant

1. Humphrey Terminal
2. Humphrey Terminal Parking Ramp
3. MSP Fire Station No. 1
4. Hangers 4–8
5. FedEx
6. UPS
7. South airfield lighting electrical center
8. Glycol Management Facility

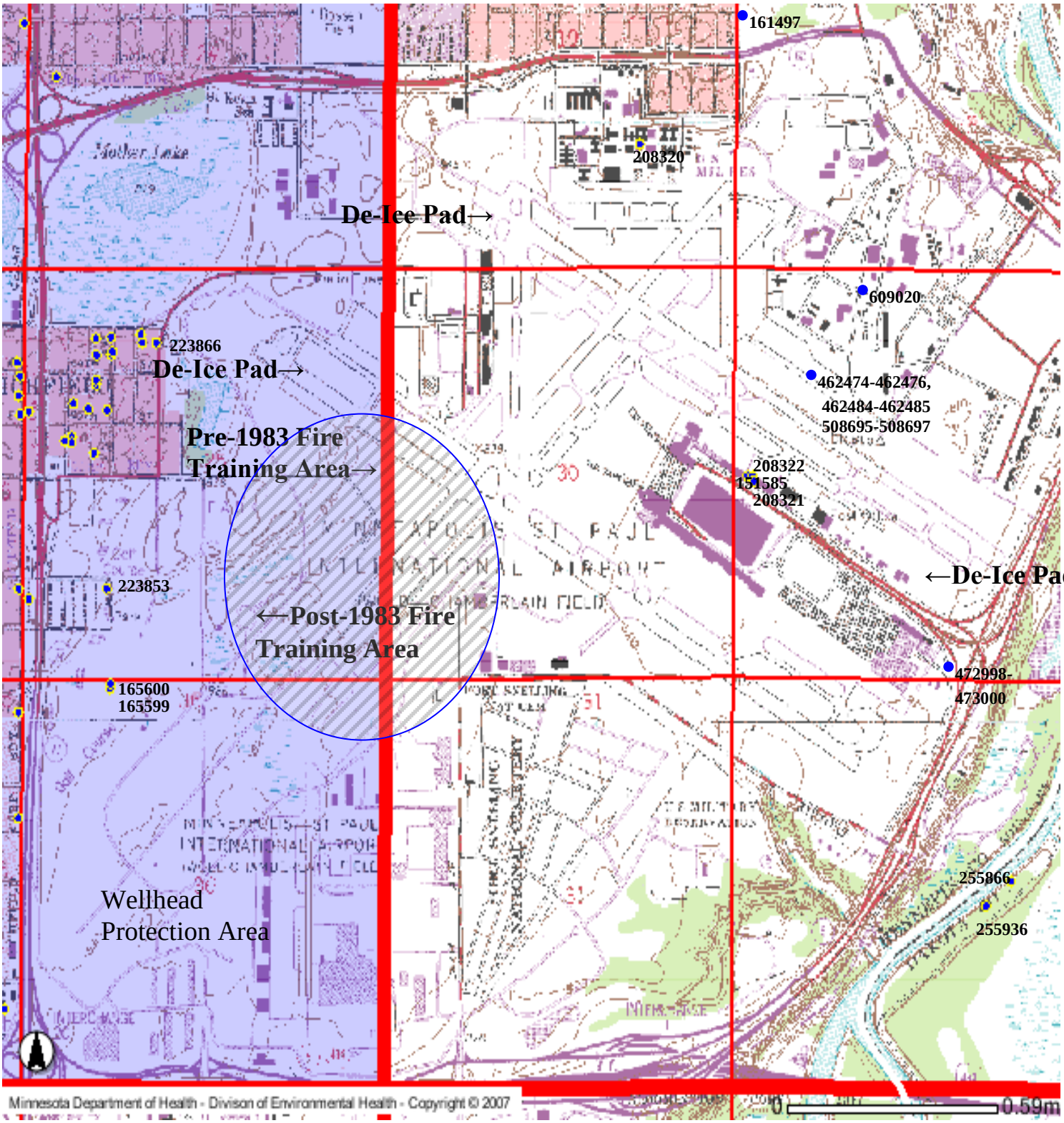
North

FIGURE
RECEPTOR SURVEY
FORMER FIRE TRAINING AREAS
MSP AIRPORT
MINNEAPOLIS, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL04	NR	DD
DATE	REVIEWED BY	FILE NAME
06/30/11		MSP Airport–1

anteagroup

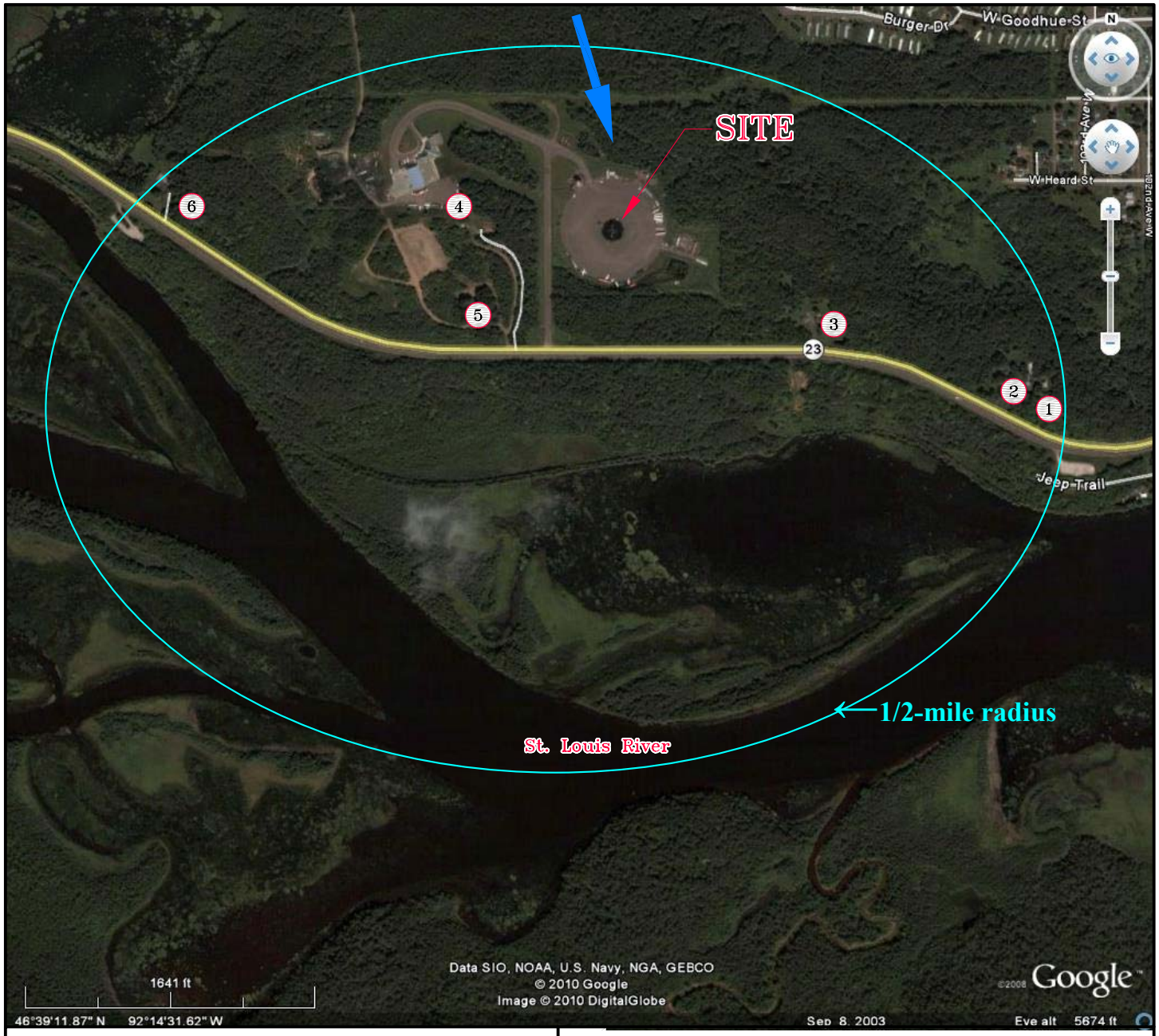
MINNEAPOLIS-ST. PAUL INTERNATIONAL AIRPORT CWI Well Map



Approximate Area of Receptor Survey

Appendix E

Lake Superior College ERTC Receptor Survey Documents



LEGEND:

Inferred Groundwater Flow Direction

Property Occupant

1. Residence – 10401 Hwy 23
2. Residence – 10423 Hwy 23
3. Residence – 11801 Hwy 23
4. Residence – 11601 Hwy 23
5. Residence – 11605 Hwy 23
6. Residence – 11825 Hwy 23

North

FIGURE
RECEPTOR SURVEY
LAKE SUPERIOR COLLEGE ERTC
11501 HIGHWAY 23
DULUTH, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL04	NR	DD
DATE	REVIEWED BY	FILE NAME
06/30/11		Superior-1

anteagroup

Receptor Survey Questionnaire

via telephone 11-2-10

PROPERTY ADDRESS: 11825 Hwy 23

1. Is there, or has there ever been, a water well on the property? **(Yes)** **No** **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____ All domestic

1f. Where on the property is (was) the well located?_____

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

(Yes) **No**

Name Bob Fspenson

Telephone Number 218-626-2746 DAY or EVENING (please circle one and state best time to reach you)
218-393-4966

2. Is a public water supply currently utilized by the property? **Yes** **(No)**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or MPCA Project Manager Nile Fellows at 651-757-2352.

Receptor Survey Questionnaire - via telephone 10-26-10

PROPERTY ADDRESS: 10401 Hwy 23

1. Is there, or has there ever been, a water well on the property? (Yes) No Unknown

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

_____ACTIVE ___X___ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? _____

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.)_____

1f. Where on the property is (was) the well located? Well didn't have good water. Use well from next door - nephew's well water

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name Ruth McIntyre

Telephone Number 218-620-1128 DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** (No)

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name_____

Telephone Number_____ DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

In Person Interviewed

Receptor Survey Questionnaire

PROPERTY ADDRESS: 11605 W Hwy 2-3

1. Is there, or has there ever been, a water well on the property? (Yes) No Unknown

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

X ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? ?

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.) au - drinking water

Pump - 150
Water - 75

1f. Where on the property is (was) the well located? in house

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

(Yes) No

Name Jerry Ferrari

Telephone Number 626 3525 DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** **No**

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

In Person Interview

Receptor Survey Questionnaire

PROPERTY ADDRESS: 10801 Hwy 23 Duluth 55808

1. Is there, or has there ever been, a water well on the property? (Yes) **No** **Unknown**

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

X ACTIVE _____ABANDONED _____SEALED

1b. How deep is (was) the well? _____FEET (if depth is unknown check here ?)

1c. In what year was the well installed (if known)? 1950s

1d. If the well was abandoned, what year was the well sealed?_____

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.) drinking, etc.

1f. Where on the property is (was) the well located? house corner - SE corner

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

Yes **No**

Name John McIntosh

Telephone Number 218-213-7850 cell DAY or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? **Yes** (No)

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

Name_____

Telephone Number_____DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

Receptor Survey Questionnaire

PROPERTY ADDRESS: 11601 HIGHWAY 23, DULUTH, MN 55808

1. Is there, or has there ever been, a water well on the property? (Yes) No Unknown

If you answered **No or Unknown**, proceed to Question 2.

1a. If you answered **Yes**, is the well *active* (in use), *abandoned* (not in use), or *sealed* (decommissioned following Minnesota Department of Health [MDH] Well Code guidelines).

X ACTIVE _____ ABANDONED _____ SEALED

1b. How deep is (was) the well? 411 FEET (if depth is unknown check here _____)

1c. In what year was the well installed (if known)? 1991

1d. If the well was abandoned, what year was the well sealed? - NA -

3e. If the well is active, for what purpose is it used? Example: (drinking water, lawn sprinkler, cooling, etc.) DRINKING WATER, SHOWERS, LAUNDRY USE

1f. Where on the property is (was) the well located? APPROXIMATELY 40' NORTHWEST OF THE HOUSE IN THE REAR YARD AREA

1g. If there is currently a water supply well on the property, would you grant access to the property in order to obtain a water sample from either an indoor or outside faucet (at no cost to property owner)?

(Yes) No

Name DIXON R. BASTIE

Telephone Number (218) 348-2287 (DAY) or EVENING (please circle one and state best time to reach you)

2. Is a public water supply currently utilized by the property? Yes (No)

3. May we contact you for further information if necessary? If so, please provide your name and telephone number.

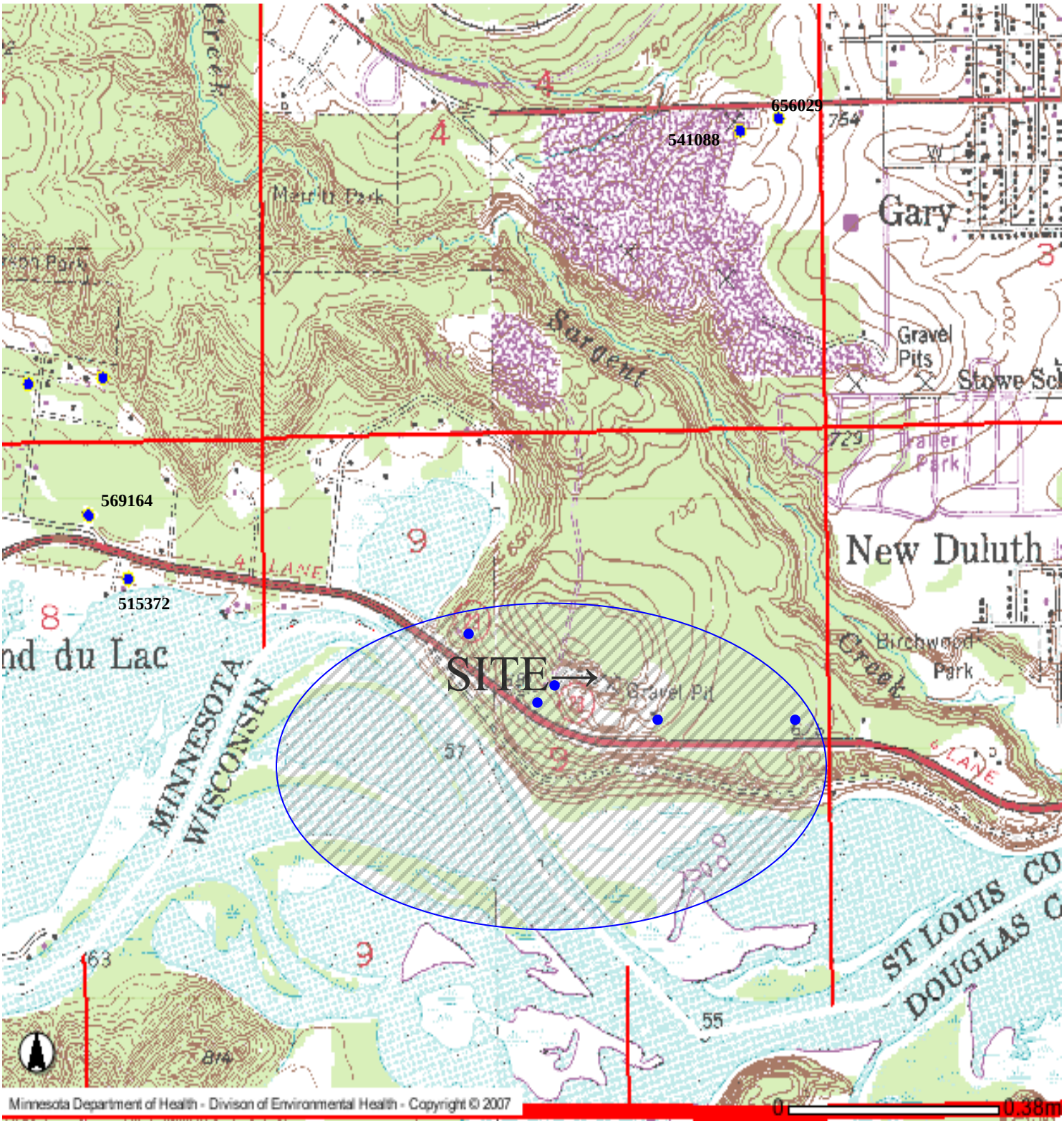
Name -- SEE ABOVE --

Telephone Number _____ DAY or EVENING (please circle one and state best time to reach you)

Please complete this form and mail it back to Delta in the enclosed self-addressed stamped envelope. Delta thanks you in advance for taking the time to complete this form.

If you have any questions, or need help completing this form, please feel free to contact Nancy Rodning, Delta Consultants, at (651)697-5152 or 1-800-477-7411, or Nile Fellows, MPCA, at 651-757-2352.

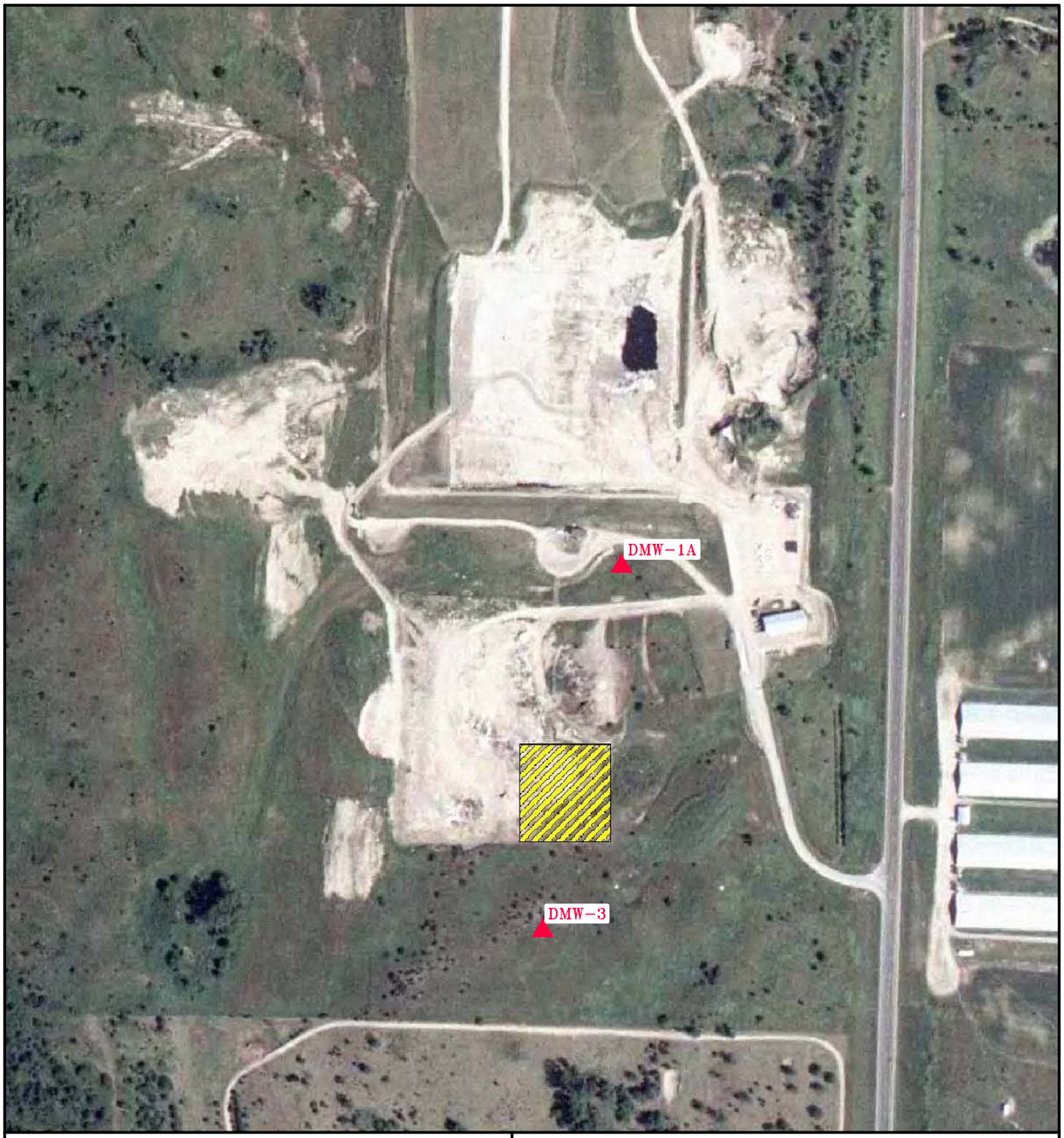
LAKE SUPERIOR COLLEGE - DULUTH CWI Well Map



Approximate Area of Receptor Survey

Appendix F

Kandiyohi County Landfill Sample Location Map



LEGEND:

Sample Location

Foam Use Area

North

0 350

SCALE IN FEET

FIGURE
SAMPLE LOCATIONS
KANDIYOHI LANDFILL
NEW LONDON, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL04	NR	DD
DATE	REVIEWED BY	FILE NAME
06/20/11		Kandiyohi-1

anteagroup

Appendix G

Crystal Airport Sample Location Maps

LEGEND:

Sample Location

Boring Location

North

0 750

SCALE IN FEET

FIGURE
JANUARY 2010 PFC SAMPLING LOCATIONS
CRYSTAL AIRPORT
CRYSTAL, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL04	NR	DD
DATE	REVIEWED BY	FILE NAME
06/20/11		Crystal-3

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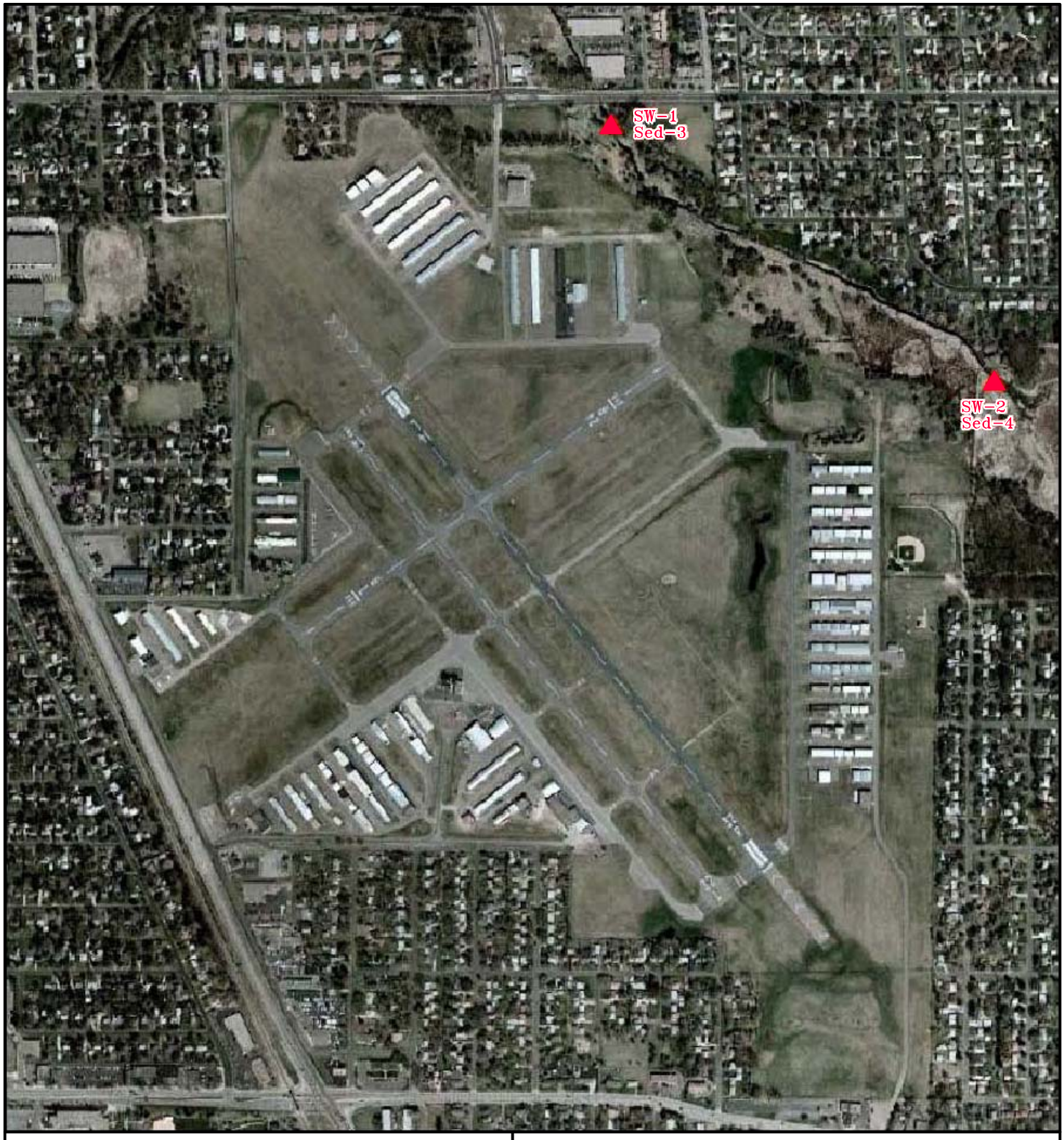


LEGEND:

▲ Sample Location

North

0 750

SCALE IN FEET

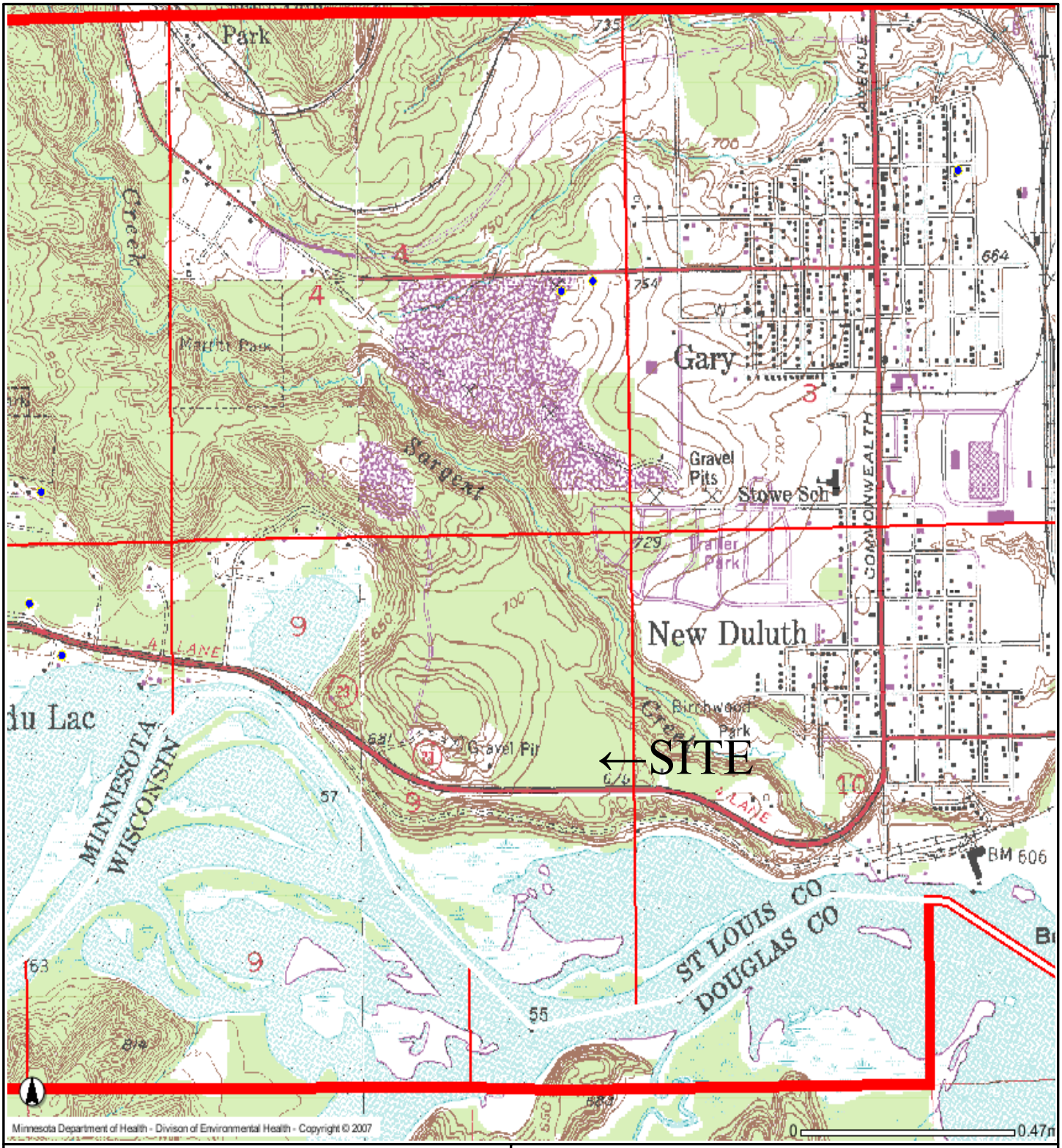
FIGURE
OCTOBER 2010 SAMPLE LOCATIONS
CRYSTAL AIRPORT
CRYSTAL, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL04	NR	DD
DATE	REVIEWED BY	FILE NAME
06/20/11		Crystal-1

anteagroup

Appendix H

Lake Superior College ERTC Sample Location Maps and Analytical Summary Table



LEGEND:

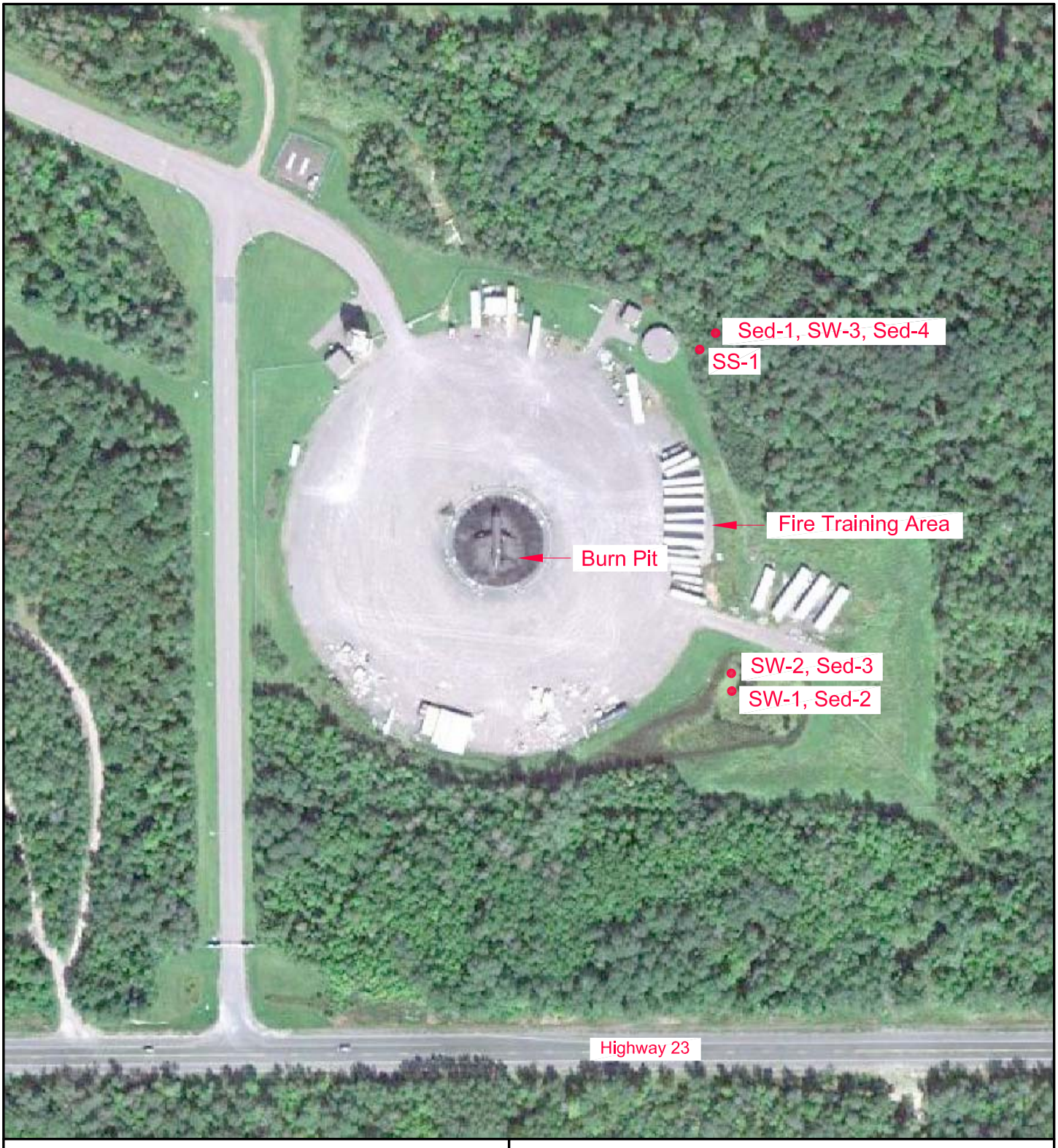
- Well Locations

North

FIGURE 1
SITE LOCATION MAP
LAKE SUPERIOR COLLEGE ERTC
11501 HWY 23
DULUTH, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL02	NR	DD
DATE	REVIEWED BY	FILE NAME
02/18/11		Duluth-1

anteagroup



LEGEND:

- Sample Locations

North

0 200

SCALE IN FEET

FIGURE 2
SITE MAP
LAKE SUPERIOR COLLEGE ERTC
11501 HWY 23
DULUTH, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY
45618DEL02	NR	DD
DATE	REVIEWED BY	FILE NAME
02/18/11		Duluth-2

anteagroup

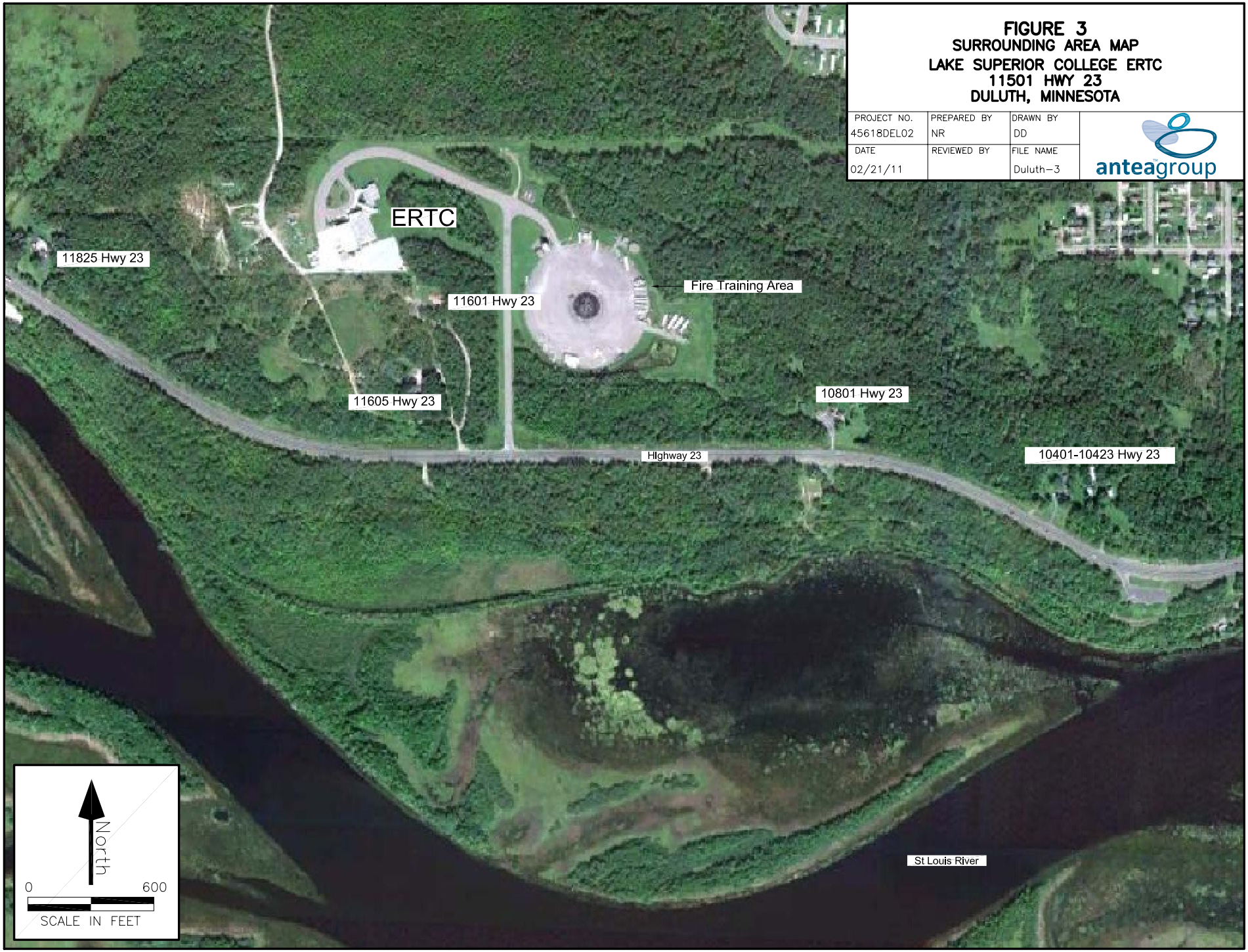


FIGURE 3
SURROUNDING AREA MAP
LAKE SUPERIOR COLLEGE ERTC
11501 HWY 23
DULUTH, MINNESOTA
PROJECT NO. 45618DEL02
PREPARED BY NR
DRAWN BY DD
DATE 02/21/11
REVIEWED BY
FILE NAME Duluth-3
anteagroup
ERTC
11825 Hwy 23
11601 Hwy 23
Fire Training Area
11605 Hwy 23
10801 Hwy 23
Highway 23
10401-10423 Hwy 23
St Louis River
North
0
600
SCALE IN FEET

PFC Analytical Results for Lake Superior College ERTC Samples
Antea Group Project No. 45618DEL0

		Perfluorobutanoic acid (PFBA)	Perfluoro-n-pentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanoic sulfonate (PFBS)	Perfluorohexane sulfonate (PFHxS)	Perflourooctane sulfonate (PFOS)	Perfluorooctane sulfonylamide (PFOSA)
#Perfluorinated Carbon Chains:		**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**4**	**6**	**8**	**8**
Tier 1 Residential SRV, ng/g:		**77000**	**ND**	**ND**	**ND**	**2100**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2100**	**ND**
Tier 2 Recreational SRV, ng/g:		**94000**	**ND**	**ND**	**ND**	**2500**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**2600**	**ND**
Tier 2 Industrial SRV, ng/g:		**500000**	**ND**	**ND**	**ND**	**13000**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**14000**	**ND**
Drinking Water Health-Based Limits, ng/L:		**7000**(1)	**ND**	**ND**	**ND**	**300**(2)	**ND**	**ND**	**ND**	**ND**	**7000**(1)	**RAA**(3)	**300**(2)	**ND**
Sample ID	**Sample Date**													
Wetland Samples														
ERTC Sed-2	11/25/2009	**0.218**	**0.536**	**1.72**	**0.268**	**1.26**	**0.184**	**0.101**	**0.174**	< 0.0933	**1.47**	**19.6**	**538**	**181**
ERTC Sed-3	11/18/2010	**0.118**	**0.202**	**1.01**	**0.171**	**0.75**	**0.149**	< 0.0955	**0.174**	**0.156**	**0.318**	**7.1**	**476**(D)	**207**(D)
ERTC SW-1	11/25/2009	**257**	**537**	**1790**	**348**	**991**	**31.8**	**3.45**	< 2.51	< 2.51	**1870**	**9390**	**11300**	**360**
ERTC SW-2	11/18/2010	**76.8**	**144**	**476**	**66.2**	**290**	**22.4**	< 2.49	< 2.49	< 2.49	**315**	**2630**	**7640**(D)	**134**(D)
Creek Samples														
ERTC Sed-1	11/25/2009	< 0.0917	< 0.0917	< 0.0917	< 0.0917	**0.225**	< 0.0917	< 0.0917	< 0.0917	< 0.0917	< 0.183	**1.2**	**57.5**	**6.52**
ERTC Sed-4	11/18/2010	< 0.0933	**0.135**	**0.628**	**0.119**	**0.581**	< 0.0933	< 0.0933	< 0.0933	< 0.0933	< 0.187	**3.52**	**51.3**	**1.95**
ERTC SW-3	11/18/2010	**35**	**62.8**	**366**	**39.5**	**234**	**5.62**	< 2.49	< 2.49	< 2.49	**135**	**1510**	**7630**	**385**
Private Well Water Samples														
ERTC-10801	11/19/2010	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	**11.2**	**6.49**	< 2.50
ERTC-11601	11/19/2010	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 2.47	< 4.95	**9.63**	**7.26**	< 2.47

Notes:
All samples were analyzed by Axys Analytical Services LTD of British Columbia, Canada.
Sediment results and standards are in nanograms per gram (ng/g), which is approximately equivalent to parts-per-billion.
Surface water and well water results and water standards are in nanograms per liter (ng/L), which is approximately equivalent to parts-per-trillion.
Non-detect results are expressed as "less than" the laboratory detection limit.
Bolded type indicates detection above the laboratory method detection limit.
Tier 1 Residential SRV: Minnesota soil reference value for chronic human exposure in a residential setting.
Tier 2 Recreational SRV: Minnesota soil reference value for exposure in a recreational setting.
Tier 2 Industrial SRV: Minnesota soil reference value for exposure in an industrial setting.
PFC compounds soil results reported on a dry weight basis.
(1) Health-Based Value (HBV) for chronic exposure defined by the Minnesota Department of Health.
(2) Health Risk Limit (HRL) for drinking water defined by the Minnesota Department of Health.
(3) Risk Assessment Advise (RAA) set by the Minnesota Department of Health for PFHxS does not specify numeric values.
ND: No State or Federal values or limits defined.
(D) Dilution performed on sample by laboratory.

Appendix I

Hidden Harbor Marina Well Location Map

Hidden Harbor Marina Water Supply Wells

Well A	Located in the marina workshop, used for non-potable uses. Unique Well #268354.
Well B	Located in the parking lot north of the restaurant/bar. Restaurant/bar and marina docks connected to this well. Unique Well #559256
Well C	Located in backyard of marina house. This house is currently being used as the shower house for use by marina customers. Unique Well # unknown.
Well D	Located in the crawl space of the house at 1001 Oak Street. Unique Well # unknown.
Well E	Located in the house basement at 115 10th Avenue West. Unique Well #429870

North

FIGURE
SAMPLING LOCATIONS
HIDDEN HARBOR MARINA
ST. PAUL PARK, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY	
45618DEL04	NR	DD	
DATE	REVIEWED BY	FILE NAME	
06/21/11		H Harbor-1	anteagroup

Appendix J

Burnsville ABLE Training Center Sample Location Map

North

FIGURE
SAMPLING LOCATIONS
ABLE TRAINING CENTER
BURNSVILLE, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY	
45618DEL04	NR	DD	
DATE	REVIEWED BY	FILE NAME	
06/21/11		ABLE-1	

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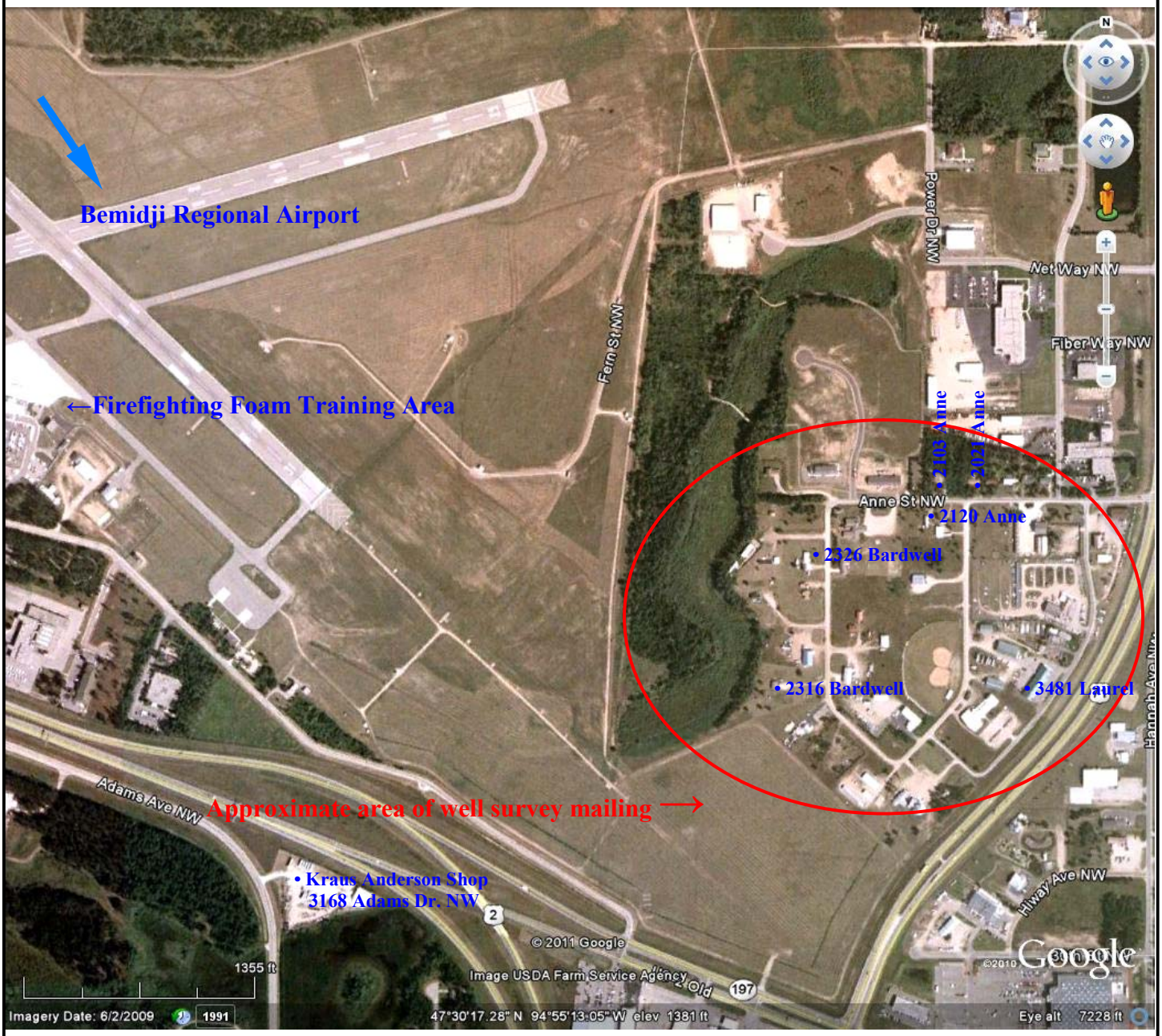
Appendix K

Bemidji Regional Airport December 2010 Well Receptor Survey and Well Sampling Documents



LEGEND

Inferred Groundwater Flow Direction

North

FIGURE
DECEMBER 2010 RECEPTOR SURVEY AND WELL SAMPLE LOCATIONS
BEMIDJI REGIONAL AIRPORT
BEMIDJI, MINNESOTA

PROJECT NO.	PREPARED BY	DRAWN BY	
45618DEL04	NR	DD	
DATE	REVIEWED BY	FILE NAME	
06/30/11		Bemidji-2	

anteagroup

WELL RECEPTOR SURVEY RESULTS
BEMIDJI FIRE DEPARTMENT TRAINING AREA - BEMIDJI REGIONAL AIRPORT
March 2011

ADDRESS	WELL? Yes/No	UNIQUE WELL NO.	ACTIVE? Yes/No	WELL USE	WELL DEPTH	COMMENTS
2405 Alyce Court NW		478252				No questionnaire returned.
1826 Anne Street NW						No questionnaire returned.
1925 Anne Street NW		585876				No questionnaire returned.
2001 Anne Street NW						No questionnaire returned.
2014 Anne Street NW						No questionnaire returned.
2015 Anne Street NW						No questionnaire returned.
2021 Anne Street NW	yes		yes	drinking, lawn	30 feet	Well installed 1972, basement. Municipal water also being utlilized.
2027 Anne Street NW						No questionnaire returned.
2103 Anne Street NW	yes		yes	all household uses	55 feet	Well installed 1987, front yard. No municipal water being utilized.
2120 Anne Street NW	yes	566297	yes	drinking, lawn	unknown	Well installed ~1995, located between shop and trailer house. No municipal water being utilized.
2220 Anne Street NW						No questionnaire returned.
2127 Bardwell Drive NW	yes	549971	no	NA	unknown	Well installed 1997, abandoned/sealed 2010. Located just north of building. Municipal water being utilized.
2201 Bardwell Drive NW	yes		yes	lawn irrigation	65 feet	Well installed 1995, east side of office portion of building. Municipal water being utilized.
2212 Bardwell Drive NW	no		NA	NA	NA	Reported no well, no municipal water.
2231 Bardwell Drive NW	yes		yes	lawn irrigation	44 feet	Well installed 1995. Accessible via outside faucet. Municipal water also being utilized.
2310 Bardwell Drive NW						No questionnaire returned.
2316 Bardwell Drive NW	yes	442354	yes	all household uses	100+ feet	Well installed 1989. Municipal water not being utilized.
2322 Bardwell Drive NW	yes		yes	bathroom utilities	unknown	Well installed 1997, northeast corner of the property. No municipal water being utilized.
2324 Bardwell Drive NW						No questionnaire returned.
2326 Bardwell Drive NW	yes		yes	all household uses	52 feet	Well installed 1992, front of house. Municipal water also being utilized.
2532 Bardwell Drive NW						No questionnaire returned.
3354 Laurel Drive NW	yes		yes	lawn irrigation	unknown	Located between building and fence.
3455 Laurel Drive NW	yes		no	NA	NA	Well sealed 2010, northwest corner of property.
3481 Laurel Drive NW	yes	576751 710183	yes	drinking	60 feet	No municipal water being utilized.

WELL RECEPTOR SURVEY RESULTS
BEMIDJI FIRE DEPARTMENT TRAINING AREA - BEMIDJI REGIONAL AIRPORT
March 2011

ADDRESS	WELL? Yes/No	UNIQUE WELL NO.	ACTIVE? Yes/No	WELL USE	WELL DEPTH	COMMENTS
2134 Bardwell Drive NW	yes		yes	drinking	60 feet	No municipal water being utilized.
3501 Laurel Drive NW	yes		yes	irrigation	100 feet?	Well installed 1987, 10 ft. north of office building. Not used for drinking water. Municipal water also being utilized.
3611 Laurel Drive NW	yes	518168	yes	toilets, washing boats	unknown	Bemidji Marine. Bottled water for drinking. No municipal water being utilized.
3709 Laurel Drive NW	yes		yes	irrigation, pressure wash	unknown	One active and two sealed wells (2010). Well located between the two site buildings. Municipal water also being utilized.
2221 Tod Court NW	no		NA	NA	NA	Reported no well, no municipal water.
2225 Tod Court NW						[1]Survey returned NSN; remailed to property owner tax address.
2402 Tracy Court NW						No questionnaire returned.
2408 Tracy Court NW						[1]Survey returned NSN; remailed to property owner tax address.
3810 Whispering Meadows Court NW						No questionnaire returned.
3813 Whispering Meadows Court NW						No questionnaire returned.
3168 Adams Drive NW	yes		yes	pressure wash, bathrooms	~20 feet	Telephone interview, October 2010, Kraus Anderson Construction Shop

Notes:

(1) mail returned by Post Office, "no such number."

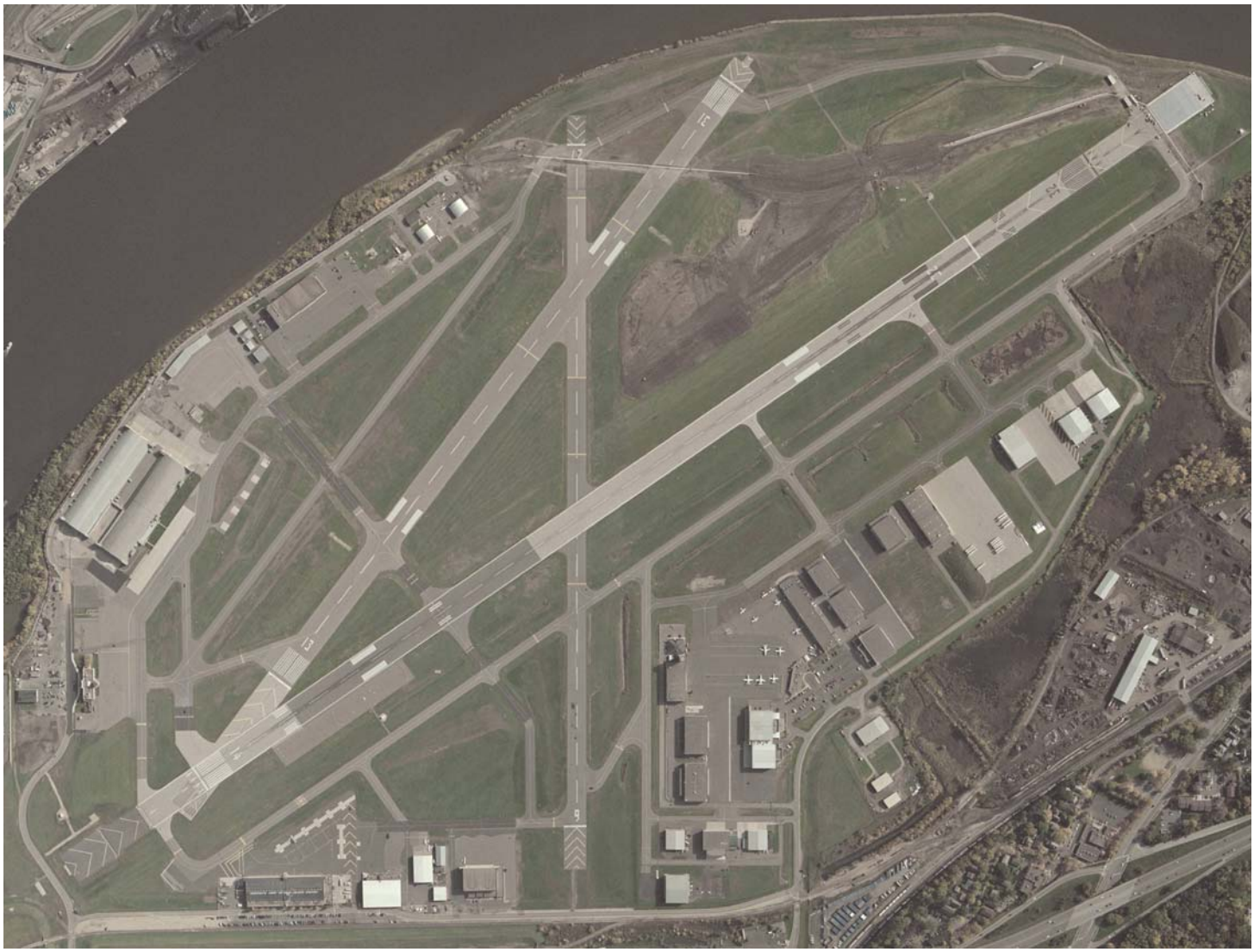
Water sample collected for PFC analysis.

Antea Group

Metropolitan Airports Commission

St. Paul Downtown Airport (STP)

Long-Term Comprehensive Plan



Metropolitan Council Determination April 2010

Final Adoption by MAC June 2010

St. Paul Downtown Airport
Long-Term Comprehensive Plan Update

FINAL – June 2010

Metropolitan Council Determination April 2010

Final Adoption by MAC June 2010

Prepared by the Metropolitan Airports Commission

with assistance from HNTB Corporation

Table of Contents

List of Tables

List of Figures

All figures for a specific chapter are located at the end of the chapter.

Executive Summary

The St. Paul Downtown Airport, also known as Holman Field, is one of seven airports owned and operated by the Metropolitan Airports Commission (MAC). The airport identifier, or reference code, is STP. Holman Field has played an important role in the Twin Cities since the City of St. Paul opened the airport in 1926. Located just five minutes from the St. Paul business center and 15 minutes from downtown Minneapolis, STP is considered by the MAC to be the primary reliever airport for the Minneapolis – St. Paul International Airport (MSP). In a 2005 economic report prepared by MAC, its contribution to the local economy has been estimated to be more than $112 million annually.

This comprehensive planning document serves as a frame work for future development activity at the airport. This report follows guidelines set forth by the Federal Aviation Administration (FAA) and the Metropolitan Council. The last long term plan for STP was completed in 1992. Since that time, MAC has completed environmental reviews and implemented recommendations from that plan.

ES.1 Report Organization

This report is organized into the following chapters:

1. Existing Conditions / Inventory
2. Aviation Forecasts
3. Airside and Landside Facility Requirements
4. Plan Recommendations
5. Environmental Considerations
6. Land Use Compatibility
7. Capital Improvement Program Costs
8. Facility Implementation Schedule
9. Public Information Process

The inventory of existing conditions is used to establish a baseline of facilities and services available at the airport. The forecasts are used to determine the type of activity likely to occur at the airport and at what projected levels. Facility requirements use the forecasts to determine what facilities will be required to support the level of activity indicated by the forecast. The projected facility needs are compared to the existing infrastructure to determine if additional facilities at the airport will be needed in the future.

The plan recommendations chapter identifies improvements considered for the airport. The environmental considerations and land use sections discuss the existing conditions and plan recommendations in relation to environmental issues, such as noise, and surrounding land use compatibility.

The last sections identify the plan recommendation costs and the proposed timeline for implementation. The final section outlines the public information program that was followed, and summarizes any comments received during the document development process.

ES.2 Forecasts

This document includes aviation forecasts for based aircraft and the projected number of operations for STP. Forecasts are presented for an approximate 20-year time horizon, and include 2010, 2015, 2020, and 2025 as noted in Table ES-1. The forecasts are unconstrained and assume that the necessary facilities will be in place to accommodate demand.

Table ES-1
Forecast Summary

Year	Baseline	High Forecast	Low Forecast
		OPERATIONS	
2007	125,254	125,254	125,254
2010	111,870	133,953	85,858
2015	117,399	149,365	95,934
2020	130,056	156,458	103,613
2025	137,310	156,431	112,869
		BASED AIRCRAFT	
2007	93	93	93
2010	105	105	102
2015	117	125	112
2020	128	132	115
2025	132	132	120

Source: Aviation Forecasts – Technical Report, April 2009

The existing and projected economic conditions in the area and current general aviation activity are used to prepare the assumptions that form the foundation of the forecasts. Based aircraft forecasts for the MAC-owned airports are calculated and then allocated among the individual airports. Operations and peak activity forecasts for STP are derived from the based aircraft forecasts. The analysis also includes a set of high and low activity scenarios for the airport in addition to the baseline forecasts.

The assumptions inherent in the forecasts are based on data provided by the MAC, federal and local sources, and professional experience. Fuel cost assumptions reflect the recent major increase in oil prices. Forecasting, however, is not an exact science. Departures from forecast levels in the local and national economy and in the aviation industry will have an effect on the forecasts presented herein.

A copy of the full Activity Forecasts - Technical Report is contained in Appendix A of this document.

ES.3 Facility Requirements

The current aircraft approach category assigned to Runway 14-32 at the Airport is “D”. Typical aircraft in this aircraft approach category include business jets such as the Gulfstream V. Both Runways 13-31 and 9-27 are assigned aircraft approach category “B”. Runway 13-31 is designed for aircraft over 12,500 pounds maximum gross take-off weight. Typical aircraft in this approach category and weight include small business jets such as the Cessna Citation III. Runway 9-27 is designed for aircraft less than 12,500 pounds. Typical aircraft in this category are single-engine and twin-engine piston and few turboprops such as the Raytheon Beechcraft King Air B200 and smaller.

The current airplane design group applied to Runway 14-32 is Group III. This means that the runway is designed to accommodate aircraft with wingspans less than 118 feet. Aircraft that fall into this category include most single-engine and twin-piston aircraft, turbo props and business jets. Runways 13-31 and 9-27 can accommodate airplane design Group II aircraft. Group II includes the Raytheon Beechcraft King Air B200 and smaller regional and corporate jets such as the Cessna Citation I, II and III and Gulfstream I.

Airfield capacity is defined as the maximum number of operations that can be accommodated by a particular airfield configuration during a specified interval of time when there is constant demand. Annual service volume (ASV) is one capacity measure and the average hourly capacity is another.

St. Paul Downtown Airport's ASV is currently calculated to be 265,000, which is well above its current and 2025 projected annual operations of 125,254 and 137,310 respectively. It is also well above the high scenario 2025 year forecast of 156,431 annual operations. STP has adequate runway capacity to support all of the forecast scenarios. This means that runway capacity will not be a contributing factor to any airport improvements.

The facility requirements indicate the recommended runway length for the largest critical aircraft is 7,300 feet, and for the group of aircraft weighing more than 60,000 pounds, it is 6,620 feet. For smaller aircraft using STP, a runway length of 3,810 feet is recommended. Runway 14-32 is 6,491-feet, which is only 129 feet short of the recommended 6,620 feet. Runway 13-31 already exceeds the recommendation by 104 feet for small aircraft less than 12,500 pounds. Runway 9-27 is short of the recommended 3,810 feet by 168 feet. The runway safety improvements recently completed required the reduction of runway length for each of the three runways in order to obtain the required runway safety area length. It is not possible to extend the runways given the physical location of the river and the required safety area criteria. Therefore, STP cannot meet the FAA-recommended runway lengths to accommodate 100 percent of the aircraft that fall into the approach categories.

According to the forecasts, the number of based aircraft is anticipated to gradually rise from 93 in 2007 to 132 in the year 2025. The south hangar area expansion was completed in 2000, and still has large corporate hangar sites available. MAC also completed the "Mercury Avenue" hangar area in 2002 on the east side of the airport. It has four small aircraft hangar sites and a site for an 8-aircraft T-hangar still available. With a forecasted growth to132 aircraft by 2025, the airport has enough hangar space to meet the forecasted demand.

It should be noted that if the demand for hangar space begins to exceed the current capacity, it is possible to consider redevelopment in some areas; but for the most part, there is no additional space at the airport for any new hangar areas. It should also be noted that hangar construction in the Mercury Avenue area or anywhere along Bayfield Street on the east side of the airport is subject to specific floodway/floodplain development and construction requirements.

ES.4 Plan Recommendations

As discussed above, there is no demonstrated need for additional runways, runway extensions or new hangar areas at STP at this time. There are, however, various airside and landside improvements that are recommended for implementation. They are itemized below and shown on Figure ES-1. Estimated costs and implementation timelines are listed in Table ES-2.

ES.4.1 Pavement Maintenance Program

It is recommended that MAC continue pavement reconstruction and rehabilitation as part of the on-going pavement maintenance program. For STP, MAC typically carries separate items in the capital improvement program for pavement maintenance. One line item includes pavement rehabilitation or reconstruction proposed for the seven-year program, for which costs are based on specific project locations. The second line item is an on-going every-other-year joint and crack repair item. Given the poor soils and saturation at STP, the pavements tend to move more which results in a more frequent need for repairs.

ES.4.2 Terminal Sub Drain

As discussed in Chapter 3, this project is recommended to improve the drainage around the exterior basement of the administration building. The improved drainage will alleviate subsurface soil and water pressures put on the basement walls during flood conditions.

ES.4.3 Electrical Vault Improvements

Also identified in Chapter 3, upgrades to the electrical vault building are recommended to bring the facility into code compliance. The recommended project includes a new building, HVAC, control panels, regulators, switchgears, etc.

ES.4.4 Floodwall Maintenance

It is recommended that MAC continue to discuss and plan for the on-going maintenance, training, personnel/resources, compensatory excavation monitoring, and review any possible permit requirements for the floodwall.

ES.4.5 Concurrent Use / Development Parcels

It is recommended that MAC continue to research the potential development of concurrent land uses for revenue generating purposes on airport property. There is only one parcel that has been identified to date for this type development. It is located on the cul-de-sac of Ridder Circle on the north end of the airport, adjacent to the Pioneer Press facility. It is shown as Parcel 1R on Figure 1-4, and is highlighted in Figure 4-1.

ES.4.6 Agency Coordination

It is recommended that MAC continue cooperation with the cities surrounding the airport through the existing Downtown Airport Advisory Commission, Joint Airport Zoning Board, and on-going MAC/City staff interaction.

Table ES-2
LTCP Recommendations – Estimated Costs and Timeline

Recommendation	Estimated Cost	Timeline
On-going pavement maintenance and replacement program*	$4,400,000	Continuous throughout planning period
Terminal Sub Drain	$600,000	0 – 5 Years
Electrical Vault Improvements	$700,000	0 – 5 Years
On-going Pavement Joint and Crack Repairs	$100,000 every other year	Continuous throughout planning period
On-going MAC Building Maintenance	$200,000 every other year	Continuous throughout planning period
Concurrent Use / Development Parcels	$0 (developer cost)	0 – 10 Years

* These cost estimates are taken from the previous comprehensive plan. No preliminary engineering has been completed and these projects are not included in MAC's Capital Improvement Program. Project cost estimates will be completed if these projects become necessary, and will include estimated costs for any mitigation identified as part of an environmental assessment.

ES.5 Noise Contours and Land Use

The noise contours presented in this document were developed using INM Version 7.0a. The contours represent predicted levels, or noise contours, of equal aircraft noise exposure on the ground as expressed in DNL. The FAA currently suggests that three different DNL levels (65, 70, and 75 DNL) be modeled. The Metropolitan Council suggests that the 60 DNL contour be included for airports in an urban environment. The methodology utilized the following data: aircraft activity levels, fleet mix, day/night split of operations, flight tracks and runway use.

In the Baseline 2007 noise contours, there are 132 single-family homes and 160 multi-family units located in the 60 DNL contour around St. Paul Downtown Airport. The 60 DNL contour contains approximately 2.14 square miles. The 65 DNL contour contains approximately 0.86 square miles with no residential dwellings in the contour. The 2007 70 and 75 DNL contours contain 0.42 and 0.20 square miles respectively with no residential dwellings in the contours.

The Forecast 2025 noise contours around St. Paul Downtown Airport increase to approximately 2.94 square miles in the 60 DNL contour and approximately 1.09 square miles in the 65 DNL contour. The residential structures within the 60 DNL contour increase to 498 single family homes and 666 multi-family units and no residential units are contained in the 65 DNL and greater contours. The 70 and 75 DNL contours increase to cover 0.52 square miles and 0.26 square miles, respectively.

In summary, there will be a 37.4 percent increase in the 60 DNL contour with an increase of 366 single family homes and 506 multi-family units in the contour. The area within the 65 DNL contour increases 26.7 percent over the same period. The increase in the contours can be attributed primarily to a 9.6 percent increase in total aircraft operations from 2007 to 2025 and a 71.7 percent increase in jet aircraft operations (not including very light jets/microjets).

Planning for the maintenance and development of airport facilities is a complex process. Successfully developing airports requires pragmatic decision-making predicated on various facts that drive the need for the development of additional airport infrastructure. Furthermore, these efforts need to consider surrounding community land uses. Airports cannot be developed in a vacuum; the development effort must consider the needs of the surrounding populations and the land uses in the area surrounding the airport. The success of airport planning is predicated on close consideration and coordination of surrounding land use to ensure compatibility with the community surrounding the airport.

The Metropolitan Council has developed a set of land-use planning guidelines for responsible community development in the Minneapolis-St. Paul Metropolitan Area. The intent is to provide city governments with a comprehensive resource with regard to planning community development in a manner that considers adequacy, quality and environmental elements of planned land-uses.

The State of Minnesota Department of Transportation (Mn/DOT) has established regulations that control the type of development allowed off runway ends in order to prevent incompatible development. These guidelines should be used to establish zoning ordinances to protect areas around an airport. The states zoning areas overlay and extend beyond the RPZs. The most restrictive areas created by Mn/DOT regulations are called State Safety Zones A and B. The safety zones should exist off each runway end and follow the approach zones out to the total length of the runway. As defined by Mn/DOT, the typical length of Safety Zone A is 2/3 of the total runway length; Safety Zone B is 1/3 of the total runway length and extends from Safety Zone A. There is also an area called Safety Zone C which is circular and typically follows the FAA FAR Part 77 horizontal surface.

The St. Paul Downtown Airport is located in Ramsey County, in the City of St. Paul. The airport is bordered by the Mississippi River to the north, south and east and a combination of mixed use commercial, office and industrial/utility land uses to the west. Residential land uses are located northeast and southwest of the airport. The communities of West St. Paul and South St. Paul are located immediately to the south of the airport. In May 2008, a Joint Airport Zoning Board (JAZB) was convened which includes representation from the respective Responsible Governmental Units (RGUs) that control land use development around the St. Paul Downtown Airport. This effort is addressing land uses around St. Paul Downtown Airport in the context of the runway approach zones and may result in modification to the safety zone dimensions and development restrictions outlined in Chapter 6.

The goal of the JAZB is to develop a St. Paul Downtown Airport Zoning Ordinance for review and approval by the Commissioner of Transportation, for subsequent adoption by the Board and then by local municipalities. The Board will determine if the state model zoning ordinance provisions are appropriate for the St. Paul Downtown Airport or if modifications to the model are necessary considering the provisions of Minn. Stat. §360.066, subd. 1. The focus of this discussion has been on the following:

- MnDOT Model Ordinance – Minnesota Rule 8800.2100 and Minnesota Rule 8800.2400 (additional information on the MnDOT Model Zoning Ordinance is available on the Internet at http://www.dot.state.mn.us/aero/avoffice/planning/zoning.html)

- St. Paul Downtown Airport unique characteristics in the context of existing and planned land uses around the airport

- Maintaining a “reasonable standard of safety” while considering the social and financial costs to the community

- Minn. Stat. §360.066, subd. 1, which is especially instructive when addressing the question of balancing the safety with the social and economic impacts in the zoning process.

It is anticipated that a proposed final St. Paul Downtown Airport Zoning Ordinance will be submitted to the Commissioner of Transportation for final approval in 2010.

ES.6 Public Involvement Process

At the onset of this long-term comprehensive plan update process, a public involvement program was developed. It included a specific plan for group meetings, with whom and when. The purpose of the meetings was to inform the airport users and the public about the process and schedule, and offer an opportunity for personal question-and-answer sessions. The goal was to receive informal input as the process advanced, and prior to the formal public comment period that took place upon completion of the full draft document. In addition, MAC held two meetings and corresponded regularly with a technical advisory group, made up of members of MAC staff, the FAA, Mn/DOT Aeronautics, and Metropolitan Council.

Informal comments were accepted at all meetings. The MAC committee meetings were open to the public, and verbal comments were invited at each of them. Meetings with the Downtown Airport Advisory Commission (DAAC) typically involved a short presentation by MAC staff followed by a question and answer period.

During the long-term comprehensive planning drafting process, MAC requested informal written or verbal comments regarding the LTCP Update. Advertisement for the MAC public open house meeting was published in the *Pioneer Press* on June 10, 2009. The meeting was held on June 23, 2009. Not one person attended the public meeting. As of December 2009, MAC had received zero written comments.

The draft LTCP document was completed in December, 2009, and made available for a 30-day written comment period starting December 14, 2009. The comment period ended on January 12, 2010. Advertisements for the 30-day public written comment period on the draft LTCP were published in the *Pioneer Press* and *Star Tribune* newspapers on December 10, 2009.

Upon completion of the written comment period, MAC received two letters. One letter submitted came from the West Side Citizens Organization, and the second letter came from a resident of St. Paul. The letters and MAC's responses to them are included in Appendix B.

In February 2010, MAC submitted the draft LTCP document, along with all written comments received and MAC responses to those comments, to the Metropolitan Council for their review. The Metropolitan Council issued their determination in April 2010, finding the LTCP Update consistent with the Metropolitan Council's development guide. Correspondence from the Metropolitan Council has been included in Appendix B.

In June 2010, the Commission took action to adopt this LTCP as the final plan. MAC is committed to preparing updates to this LTCP on a regular basis.

Chapter

1 Existing Conditions/Inventory

1.1 Airport History and Location

The St. Paul Downtown Airport, also known as Holman Field, is one of seven airports owned and operated by the Metropolitan Airports Commission (MAC). See Figure 1-1. The airport identifier, or reference code, is STP. Holman Field has played an important role in the Twin Cities since the City of St. Paul opened the airport in 1926. Located just five minutes from the St. Paul business center and 15 minutes from downtown Minneapolis, Holman Field is considered by the MAC to be the primary reliever airport for the Minneapolis – St. Paul International Airport (MSP). In a 2005 economic report prepared by MAC, its contribution to the local economy has been estimated to be more than $112 million annually.

The airport is located in Ramsey County, two miles southeast of downtown St. Paul, nine miles east/northeast of the Minneapolis – St. Paul International Airport (MSP), and just over 10 miles southeast of downtown Minneapolis. See Figures 1-2 and 1-3.The airport can be accessed from Trunk Highway 52 and Plato Boulevard. The airport lies just south of Interstate 94 and east of Interstate 35E. The airport sits adjacent to the Mississippi River, which borders the airfield on the north, east and south sides. The west side of the airport is bounded by a railroad and the U.S. Army Corps of Engineers flood control levy. Interior airport access roads include Bayfield Street, Airport Road, and Eaton Street.

The St. Paul Downtown Airport consists of 576 acres. Of that, MAC owns 192 acres. The largest airport parcel makes up the entire northern half of the airport and is approximately 383 acres in size. It is owned in fee title by the City of St. Paul. By statutory right (Minnesota Statute § 473.621), MAC operates and maintains the airport and has jurisdiction to exercise powers with reference to airport property, except for disposal of fee title. In addition to the airfield and approach area properties, MAC also has numerous avigation easements on surrounding properties that limit or restrict land use and/or certain types of development, structures, trees, drainage facilities, etc. In total, MAC holds 96 acres in avigation easements. See Figure 1-4 for the most recent Airport Property Inventory Map.

The first grass strip at STP appeared in 1926. Since then, the airport has seen major modifications, including longer paved runways, expanded and improved hangar facilities, and the dedication of a new air traffic control tower in 2000. In addition, MAC has moved forward with a major floodwall construction project to protect the airport during certain flood events. Now complete, the floodwall will allow for the airport to remain open during flood events, albeit at a reduced runway length. However, protecting the airport and allowing operations will significantly reduce the need for tenants to relocate or the need for the airport to close when waters rise on the Mississippi River.

The military has had a presence at the airport since 1942, and the Minnesota Army National Guard continues to operate a facility at STP. Table 1-1 contains other historical notes as well as major construction items. In addition to these projects, MAC has on-going rehabilitation programs for all of the airfield and perimeter road pavements and the administration building.

There have been a number of previous airport studies completed for the airport. The Metropolitan Council prepared the 1986 *Metropolitan Airports System Plan* and the *Metropolitan Development Guide Aviation Policy Plan*, which was first adopted in 1972. The most recent update to the Policy Plan occurred in January 2009, and was called the 2030 Transportation Policy Plan. MAC prepared the first Master Plan for STP in 1977, which included recommendations for a new runway with a precision instrument approach. In 1983, an Environmental Impact Statement (EIS) was completed for the recommended runway and building area improvements.

Table 1-1
Airfield Development Timeline

Year	Project Description
1926	City of St. Paul acquires property for the Saint Paul Municipal Airport.
1926	First runway constructed (turf) at 3,000 feet.
1928	Two asphalt runways constructed; one east/west at 1,500 feet and one northwest/southeast at 2,000 feet.
1930	First hangar built.
1930	Ordinance enacted to define airport boundary and define obstructions.
1931	Airport renamed Holman Field, in honor of Charles W. (Speed) Holman.
1936	Airfield reconstructed with four paved runways, taxiways (see Figure 1-5).
1936 - 1940	Administration Building, Old Municipal Hangar, Northwest Airlines Hangar built.
1942	U.S. Army Corps takes control of airport; use it as a depot for the modification of B-24 “Liberator” heavy bombers.
1942	Riverside Hangar built.
1943	Metropolitan Airports Commission created.
1945	MAC assumes ownership of the airport.
1960	Northwest Airlines moves to Wold Chamberlain Field (MSP).
1961	Airport name changed to St. Paul Downtown Airport – Holman Field.
1965	Airport closed for 31 days due to flooding.
1969	Airport closed for 31 days due to flooding.
1984 - 1987	Runway 14-32 constructed, south hangar area first phase construction.
1991	Improvements made to the Riverside hangar.
1993	Airport closed for 35 days due to flooding.
1996	Mounds Park Airway Beacon Restoration (see Figure 1-7).
1997	Airport closed for 35 days due to flooding.
1997	Runway 14 ILS Installation.
1998	East Building Area Sanitary Sewer and Water Installation.
1998	Floatplane Harbor officially deactivated
1998 - 2000	South Hangar Area Expansion.
1998 - 1999	FAA constructs new Air Traffic Control Tower.
1999	Runways are renumbered to 14-32, 13-32 and 9-27 due to changes in magnetic declination.
2001	Airport closed for 78 days due to flooding.
2000 - 2001	Eaton Street dike constructed to prevent backwater during floods.
2005	Airfield Subdrain Improvements completed.
2006	Compensatory Excavation as prelude to floodwall construction.
2006 - 2008	Runway safety area improvements completed for all three runways, including EMAS for both ends of Runway 14-32.
2007 - 2008	Perimeter floodwall construction.

In 1992, MAC updated the long-term comprehensive plan/master plan for the airport. That plan update recommended lead-in lights be installed for Runway 32, an instrument landing system (ILS) be installed for Runway 14, and that a designated helicopter landing and takeoff area be established. In addition, the plan suggested a new air traffic control tower, taxiway modifications, a compass calibration pad, and an airport-only vehicle service road. To date, the Runway 14 ILS has been installed, and the air traffic control tower was relocated. Other recommendations have not been implemented for various reasons. Helicopter traffic declined after the U.S. Army Reserve facility was closed in 1996, alleviating the need for a designated heliport location. A vehicle service road is not feasible given site constraints due to the river. It has also been determined that most airport users can utilize the compass calibration pad at the Anoka County – Blaine Airport or the Lake Elmo Airport.

1.2 Airport Role

The definition or "classification" for an airport differs slightly between the MAC, Federal Aviation Administration (FAA), Minnesota Department of Transportation – Aeronautics (Mn/DOT), and the Metropolitan Council.

1.2.1 MAC Classification

As noted above, MAC considers STP to be the primary reliever airport for the Minneapolis – St. Paul International Airport (MSP). In January 2006, MAC accepted the *Recommendations Regarding the Future Operation and Development of the Reliever Airport System* prepared by the MAC Reliever Airports Task Force. That document recommends the St. Paul Downtown Airport be developed as a primary corporate Reliever Airport, along with Flying Cloud Airport and the Anoka County – Blaine Airport, to enhance and support their ability to relieve corporate traffic at MSP. The other three reliever airports, Airlake, Lake Elmo and Crystal, are labeled as "complimentary relievers" in the MAC-owned seven airport system and should continue to serve as general aviation airports with some business jet traffic.

1.2.2 FAA Classification

According to the FAA, airport classification is based on the size and type of aircraft served by the airport and specific characteristics for those planes. STP has an Airport Reference Code of D-III. This means it is designed, constructed and maintained to serve airplanes in that same Airplane Design Group (ADG). The "D" references the aircraft approach category, and includes airplanes with an approach speed of 141 knots or more but less than 166 knots. The "III" relates to the airplane design group with wingspans from 79 feet up to but not including 118 feet. The FAA also names STP as one of the reliever airports to MSP.

Beginning in 1974, STP held a limited FAA Part 139 certificate which allowed for scheduled air service for airplanes carrying fewer than 30 people, and unscheduled operations for larger air carrier aircraft. Since no users have operated or requested new scheduled air service in many years, MAC no longer holds the certificate.

1.2.3 Mn/DOT Classification

Mn/DOT classifies the St. Paul Downtown Airport as a Key System Airport. This means it has a paved runway over 5,000 feet, and is capable of accommodating all single-engine, twin-engine, and most corporate jet aircraft.

1.2.4 Metropolitan Council Classification

The Metropolitan Council classifies the St. Paul Downtown Airport as an Intermediate Airport. Under this definition, the airport has a primary runway length between 5,001 feet and 8,000 feet, with precision approach capability. The airport can accommodate regional/commuter flights, air taxi, corporate/business, general aviation, flight training, personal use and recreational aircraft, and military operations (see Table 1-2).

Table 1-2
Functional and Operational Characteristics of Metropolitan Airport Facilities

Airport Type	System Role	Airport Users	Primary Runway Length	Primary Rwy Instrumen-tation	MAC-Owned
Major	Scheduled Air Service • Minneapolis-St. Paul International	Air Carriers Regional/Commuter Passenger & Cargo Charters Air Cargo Air Taxi Corporate G.A. Military	8,000 feet or more	Precision	Yes
Intermediate	Primary Reliever • St. Paul Downtown	Regional/Commuter Air Taxi Corporate/Business General Aviation Flight Training Personal Use / Recreational Military	5,000 feet to 8,000 feet	Precision	Yes
Minor	Secondary Reliever • Airlake • Anoka County – Blaine • Crystal • Flying Cloud • Lake Elmo • South St. Paul	Air Taxi Business G.A. Flight Training Personal Use / Recreational Military	2,500 feet to 5,000 feet	Precision or Non-Precision	Yes Yes Yes Yes Yes No
Special Purpose	Special Uses • Forest Lake • Rice Lake • Wipline, IGH	All general aviation (grass strip) (seaplane) (seaplane)	Varies	Visual	No No No

Source: Metropolitan Council Aviation Policy Plan, December 1996.

1.3 Existing Airside Facilities

Airside facilities include the operational aircraft areas of runways, taxiways, and aprons. These are areas where vehicular traffic is generally not allowed due to safety concerns related to mixing with aircraft. Airside facilities also include airfield lighting and navigational aids.

1.3.1 Pavement Areas

STP consists of three runways and numerous taxiways. The runways, with their current lengths as of 2008 after the runway safety area improvement projects, are listed in Table 1-3. The taxiway designations are shown in the Airport Diagram, in Figure 1-6.

Most of the airfield pavements are asphalt. They vary in pavement age, thickness and typical section. Over time, pavement overlays, rehabilitation, reconstruction and/or crack repair methods have changed the characteristics of the pavement from section to section. The apron areas in the south hangar area were constructed in 1999 with concrete. A portion of the airport leased by the 3M Company also contains areas made of concrete. Other apron areas at the airport are asphalt.

Table 1-3
Runway/Airfield Data

	14-32	13-31	9-27
Design Critical Aircraft	Gulfstream V	Cessna Citation III	King Air B200
Runway Length (ft)	6,491	4,004	3,642
Runway Width (ft)	150	150	100
Runway Surface	Asphalt	Asphalt	Asphalt
Threshold Location	Displaced (14 & 32)	—	—
Runway Load Bearing Strength (lbs)			
Single Wheel Loading (SWL)	75,000	75,000	12,500
Dual Wheel Loading (DWL)	100,000	100,000	—
Runway Lights	HIRL	HIRL	MIRL
Taxiway Lights	MITL	MITL	MITL
Runway Markings	Precision Instrument	Non-Precision Instrument	Non-Precision Instrument
Visual Approach Aids	MALSR (14) PAPI (14 & 32) REIL (14 & 32)	PAPI (13 & 31) REIL (31)	PAPI (27)
Instrument Approach Procedures	ILS (14 & 32) RNAV GPS (14 & 32) Copter ILS or LOC (32)	NDB (31)	—
Other	Air Traffic Control Tower, ASOS, Lighted Windcone, Lighted Beacon, Airway Beacon		

1.3.2 Lighting and Navigation

Navigational aids (NAVAIDS) and lighting are intended to guide pilots from point to point, increase the visibility of runway features, and control runway activity both on the ground and in the air. Runway and taxiway lighting consist of light fixtures placed near the pavement edge to help identify the limits. This lighting is essential for safe nighttime operations and during periods of low visibility.

Runway 14-32 and 13-31 are lighted with High Intensity Runway Edge Lights (HIRLs) and Runway 9-27 has Medium Intensity Runway Edge Lights (MIRLs). All taxiways are equipped with Medium Intensity Taxiway Lights (MITLs). The intensity of the runway and taxiway lighting can be controlled by air traffic control personnel. When the Air Traffic Control Tower (ATCT) is closed, pilots can turn on and change the intensity of the lights for Runway 14-32 by using the radio transmitter in the aircraft. Runway 13-31 and 9-27 are lighted at night but not radio controlled.

Runways 31 and 32 have runway end identifier lights (REILs). REILs are synchronized flashing lights to help pilots visually acquire the runway end as they approach for landing. Runways 14, 32, 13, 31 and 27 have precision approach path indicators (PAPIs). The PAPI system uses a combination of red and white lights only visible at certain angles that help pilots determine appropriate angles of descent during landings. Runway 14 is also equipped with a Medium Intensity Approach Lighting System with Runway Alignment Indicator lights (MALSR).

There are two Non-Directional Beacons (NDB) located near the airport. Hopey is approximately 6.2 nautical miles (NM) from the airport and the second, Narco ,is approximately 6.7 NM from the field. An NDB transmits radio signals on a designated frequency. This information provides a tool for pilots to navigate within the National Airspace System (NAS). This is particularly useful for low altitude airway vectoring. The signals follow the curvature of the earth so NDB signals can be received at much greater distances at lower altitudes than other systems. However, the NDB signal is affected more by atmospheric conditions, mountainous terrain, coastal refraction and electrical storms, particularly at long range.

In addition to providing navigational assistance to aircraft, NDBs also allow for non-precision approaches, thereby enhancing the capability of the airport. St. Paul Downtown Airport has three non-precision instrument approaches, an NDB approach to Runway 31 and RNAV (GPS) approaches to Runways 14 and 32. There are no on-site navigational aids associated with the RNAV (GPS) approach.

There are two precision instrument approaches at the airport. Navigation aids for these systems include a glide slope and localizer with distance measuring equipment (DME) for each approach. Runway 14 has an Instrument Landing System (ILS) approach with ¾ mile visibility minimums. Runway 32 has an ILS approach with 1 mile visibility minimums. There is also a published precision instrument approach procedure for helicopters with visibility minimums of ½ mile.

The airfield has a lighted airfield beacon, a lighted windcone and a wind tee.

1.3.3 Airway Beacon

In addition to the NAVAIDs listed above, the St. Paul Downtown Airport is also home to the last remaining operational Airway Beacon in the nation (see Figure 1-7). This beacon, located in Mounds Park above the airport on the river bluff, was part of a system of beacons that lighted nighttime airway corridors across the United States. This beacon in particular was a part of the route between St. Paul and Chicago. The airway beacons were primarily used by mail carriers operating around the clock. Radio navigation was being developed in the 1920s and by the mid-1950's VHF and VOR airways were in place. By the mid 1970s, the airway beacon system was no longer being used and was shut down.

The City of St. Paul's Bureau of Bridges designed the beacon, which was originally constructed in 1929. The tower is approximately 110-feet tall, with the 24-inch diameter beacon sitting atop the structure. The beacon light beam flashes in the original historic airway beacon colors: both sides flash white (as compared to a typical airport beacon that flashed one side white and one side green). At some point, the original black and yellow colors on the tower structure were replaced with the typical FAA orange and white colors. In 1995, the beacon was refurbished through a cooperative effort between MAC, the FAA, the State Historic Preservation Office (SHPO), the Indian Affairs Council, the Minnesota State Archeologist, and the City of St. Paul. During the refurbishment, the original black and yellow colors of the tower were restored.

1.3.4 Airspace Management System

The airspace around the airport is defined by FAA classification, air traffic control designation, navigational aids (NAVAIDS), other surrounding airports, and flight rules specific to the St. Paul Downtown Airport. The Federal Aviation Act of 1958 gave jurisdiction of all US airspace to the FAA. The National Airspace System (NAS) was established to manage this system safely and efficiently among commercial, general aviation, military and other competing users. The NAS is a common network of NAVAIDS, airport and landing sites, charting and information, procedures, regulations, technical support, and resources. Figure 1-8 shows the airports, airspace and radio aids for navigation in the vicinity of the St. Paul Downtown Airport.

1.3.5 Airspace Structure

The airspace structure is complex and requires the use of highly technical air traffic control (ATC) procedures. Airspace is either controlled or uncontrolled. Controlled airspace is managed by ground-to-air communications, NAVAIDS and air traffic services. STP is located in what is considered Class D controlled airspace when the Air Traffic Control Tower is open (6:00 am to 10:00 pm Monday through Friday and 7:00 am to 10:00 pm Saturday and Sunday) and Class E airspace during the other times. Class D airspace is under the jurisdiction of a local Air Traffic Control Tower (ATCT). (See Figure I-9). The purpose of the ATCT is to sequence arriving and departing aircraft and direct aircraft on the ground. Aircraft operating within the Class D airspace are required to maintain radio communication with the ATCT. Class D airspace is normally a circular area with a radius of five miles around the airport that extends upward from the surface to about 2,500 feet above ground level (AGL). The ceiling elevation of St. Paul's Class D airspace is 3,200 feet mean sea level (MSL) (2,495 feet above the airport elevation of 705 feet).

It should be noted that STP lies under Minneapolis/ St. Paul International Airport's (MSP) Class B Airspace which consists of controlled airspace extending upward from different floor elevations to a ceiling height of 10,000 feet MSL. There are very specific operating instructions and rules pilots must follow when flying within this airspace. St. Paul Downtown Airport lies under the area where the floor elevation of MSP's Class B airspace is 2,300 or 3,000 feet MSL (depending on the aircraft's location in the vicinity of STP). As long as pilots stay below 2,300 or 3,000 feet, they remain outside this MSP Class B airspace.

When the STP ATCT is not open, the airspace classification is Class E. Class E airspace is a general category of controlled airspace that is intended to provide air traffic service and separation for Instrument Flight Rules (IFR) aircraft from other aircraft. IFR means that the pilot is certified to fly under Instrument Meteorological Conditions (IMC) (less than three miles visibility and/or 1,000 foot ceilings). Pilots rated only for Visual Flight Rules (VFR) can operate in Class E airspace only when visibility is three statute miles and above and cloud heights are 1,000 feet AGL and higher. These pilots are not required to maintain contact with ATC. Class E is a common classification for airports without air traffic control towers (ATCTs). Class E airspace extends to 18,000 feet MSL and generally fills in the gaps between other classes of airspace in the United States.

1.3.6 Delegation of Air Traffic Control Responsibilities

STP has its own Air Traffic Control Tower (ATCT). During the times when it is open, it provides air traffic control services. When the ATCT is closed services are provided by Minneapolis Terminal Radar Approach Control (TRACON) located at Minneapolis-St. Paul International Airport, and assisted by the Flight Service Station (FSS) at Princeton, Minnesota. Aircraft operating at STP when the ATCT is closed are advised to broadcast their intentions and monitor Common Traffic Advisory Frequency (CTAF) frequency, which is also the UNICOM frequency. Pilots making instrument approaches or departures are in contact with the ATCT or Minneapolis TRACON.

1.3.7 Approach Procedures and Traffic Patterns

There are two different types of flight rules set out in FAR Part 91. Visual Flight Rules (VFR) apply in generally good weather conditions based on visibility. Instrument Flight Rules (IFR) come into play when visibility levels fall to less than three statute miles and/or cloud levels go below 1,000 feet.

For STP, the local traffic pattern altitude is 1,905 feet MSL (1,200 feet above the airport elevation). All the runways, except one follow standard left traffic pattern. Runway 27 uses right traffic pattern. The ATCT directs runway use when winds are calm (less than 5 knots).

Aircraft with IFR instrumentation can utilize established approach procedures at STP. IFR flight rules have specific departure and arrival instructions, flight routing, altitude assignment, and communication procedures that are required. As stated, IFR allows a pilot to operate in controlled airspace and operate in poor weather at appropriately-equipped airport facilities such as STP. There are two precision instrument approach

procedures and three non-precision instrument approach procedures established for St. Paul Downtown Airport. The ILS or LOC RWY 32, ILS RWY 14, RNAV (GPS) RWY 14, RNAV (GPS) RWY 32 and NDB RWY 31approaches are shown on Figures I-10 to I-14, respectively. There is also an instrument approach for helicopters, COPTER ILS RWY 32, shown on Figure I-15.

1.3.8 Imaginary Surfaces and Obstructions

FAR Part 77 is the guidance used to determine obstructions to navigational airspace. The surfaces are comprised of primary, approach, transitional, horizontal and conical three-dimensional imaginary surfaces. (See Figure 1-16) Their exact configuration varies based upon the approach type of runway. Obstructions are defined as objects that penetrate these imaginary surfaces. Mitigative measures such as obstruction lights, removal or relocation may be required for the obstruction not to be considered a hazard. All obstructions should be catalogued and their disposition noted. The Airport Layout Plan (ALP), published separately from this report, shows the location of obstructions. Critical obstructions are also shown on the approach procedures for the airport.

1.3.9 Runway Protection Zones/State Safety Zones

Runway Protection Zones (RPZs) restrict land use off runway ends to help ensure the safety of people and property on the ground. The Federal Aviation Administration (FAA) recommends that the airport own or have control over all land within the RPZs. Among the land uses prohibited in RPZs are residences and those land uses which may result in public assembly (i.e., schools, hospitals, office buildings, and shopping centers). Although the FAA prefers that RPZs be kept free of all objects, some types of development are allowed within certain portions of the RPZ (provided the development does not attract wildlife or interfere with navigational aids).

The dimensions of RPZs are determined based upon the aircraft approach category and the associated runway approach visibility minimums. According to Table 2-4 of AC 150/5300-13, Airport Design, Runway 14 falls under the approach visibility minimums category not lower than ¾ mile for all aircraft type, Runway 32 falls under visual and not lower than one mile for aircraft approach category C & D; Runways 13 and 31 fall under visual, not lower than one mile for aircraft approach category A & B; and Runways 9 and 27 fall under visual for small aircraft exclusively. The dimensions of RPZs are determined based upon the aircraft approach category and runway approach visibility minimums. For STP, the RPZ dimensions are shown in Table 1-4.

Table 1-4
Runway Protection Zone Dimensions

Runway	RPZ Dimensions (ft)
14	1,000 x 1,700 x 1,510
32	500 x 1,700 x 1,010
13	500 x 1,000 x 700
31	500 x 1,000 x 700
9	250 x 1,000 x 450
27	250 x 1,000 x 450

Dimensions are inner width x length x outer width.

The State of Minnesota Department of Transportation (Mn/DOT) has established regulations that control the type of development allowed off runway ends in order to prevent incompatible development. These guidelines should be used to establish zoning ordinances to protect areas around an airport. The typical state zoning areas overlay and extend beyond the RPZs, following the FAA FAR Part 77 approach and horizontal surfaces. The most restrictive areas created by Mn/DOT regulations are called State Safety Zones A and B. Mn/DOT prefers that airports own all of State Safety Zone A. For land within the area that is not airport-owned, land use protection is recommended by including the safety zones in local zoning codes and zoning maps. Inclusion of the safety zones on community Comprehensive Plans is also strongly encouraged.

More information on RPZs and State Safety Zones can be found in Chapter 6 - Land Use Compatibility. The RPZs and recommended State Safety Zones for STP are shown in Figure 6-1.

1.4 Existing Landside Facilities

Landside facilities include aircraft storage hangar areas, aprons, fixed base operator (FBO) areas, terminal buildings, airport maintenance equipment storage areas, roadway access to the airport, and vehicle parking areas.

1.4.1 Fixed Base Operators (FBOs)

STP currently has two fixed base operators (FBOs) open for business and one additional FBO area currently vacant. Table 1-5 indicates their airfield locations and the services they provide to their customers and clients.

Table 1-5
Fixed Base Operators

FBO Name	Airport Building Area Location	Services	Fuel Type
Avitat / St. Paul Flight Center	West	Fueling, maintenance, aircraft charter, aircraft storage and line service, aircraft rental, avionics, pilot accessory sales	Jet A 100 LL
Signature Aviation	South	Fueling, maintenance, aircraft charter, aircraft storage and line service, aircraft rental, avionics, pilot accessory sales	Jet A 100LL
Former Jet Choice Site	East	Space currently vacant	Jet A
Wings Aviation	East	Flight training, aircraft rental	N/A

Source: MAC lease documents

The FBOs provide indoor storage for aircraft. On a limited basis, they may park aircraft outside on their apron areas but generally, airplanes are housed indoors and away from Minnesota elements such as ice, snow, wind, hail, and rain. Table 1-6 outlines the estimated available indoor space for each FBO.

Table 1-6
FBO Storage Areas

FBO	Number of Indoor Spaces Available	Number of Outdoor Spaces Available
Avitat/St. Paul Flight Center	15	12
Signature Aviation	56	20
Former Jet Choice	7	0
Wings Aviation	10	0
TOTAL	88	32

Source: Estimated by MAC using visual survey and aerial photos

1.4.2 Hangar Storage Areas

The St. Paul Downtown Airport has limited hangar storage areas around the airport that are not a part of existing FBO facilities. (See Figures 1-17 through 1-20.)

The east side of the airport is what MAC calls “Mercury Avenue”. This is a relatively new hangar area, and still has space available for additional general aviation hangar construction (small in size, approximately 50 feet x 50 feet). A group of tenants cooperatively built the largest hangar which houses seven aircraft in individual stalls within one building structure. There is also space in this building area for MAC to construct an eight unit T-hangar. The 3M Company owns a large private storage hangar in this area of the airport. The twin barrel-roof hangar is known as the Riverside Hangar, and was originally built in 1942.

The west building area contains only an FBO and military operations. There is no space for individual storage hangars in this part of the airfield. The south hangar area was constructed entirely for corporate jet storage. While the FBO consumes a great deal of space here, there is existing space for additional private corporate aircraft storage.

1.4.3 Aircraft Space Utilization

Aircraft space utilization is a calculation completed to estimate the existing number of spaces on the airport that would be available for aircraft parking. This is then compared to the forecasted demand in Chapter 3 – Facility Requirements to determine if a need exists for additional hangar space at an airport.

MAC allows tenants to sublease space within their hangar if they choose. However, not all tenants do this. For hangars that are large enough to hold two or more aircraft, MAC discounted the number of available spaces by 10% to account for tenants who do not sublease extra space. MAC also assumed a 10% discount on large FBO hangars to account for any variance in operator choices for how many aircraft they house at one time. This discounting does not have a significant impact on the available number of hangar spaces, and is very reasonable given the current status of most leases at the airport today.

Table 1-7 summarizes the maximum indoor storage available, with the discounted numbers shown. Taking the military out of the equation, the maximum possible number of indoor storage spaces for civilian aircraft at STP is approximately 149. This is down from previous long-term comprehensive documents because some T-hangars were removed in 2000 to allow for the expansion of the St. Paul Flight Center FBO facility. While there is additional outdoor space available at STP, most operators will choose to store aircraft indoors for their customers for the reasons noted above in Section 1.4.1. In addition, these operators need their ramp space for maneuvering aircraft, and prefer not to clutter the ramp with parked aircraft unless absolutely necessary.

1.4.4 MAC Administration Building

The MAC-owned administration building was constructed in 1939. It houses offices, conference rooms, vending machines, and restrooms. It previously had and still maintains space for a restaurant facility. It also maintains a small but unused space for ticketing and baggage handling for scheduled passenger service. The former air traffic control tower (ATCT) was located in this facility. When the new ATCT opened across the field in 1999, the old tower cab structure was removed from the administration building.

1.4.5 Maintenance and Equipment Areas

MAC owns four maintenance and equipment storage buildings at STP. One building is located across the parking lot from the main airport terminal building. The other three buildings are located in the south hangar area near the airfield beacon. These three buildings each have a primary use: equipment and parts building, snow management materials storage, and flood wall component storage. Two of the four buildings contain office space, a break room, restrooms and shower facilities for the MAC maintenance crew.

There is a fuel farm located south of the equipment building, which contains diesel and unleaded fuel for MAC equipment. There is also a contained recycling area on the north side of the equipment building for tenants to dispose of used aircraft oil.

Table 1-7
Indoor Aircraft Storage Summary

	Number of Buildings	Number of Spaces	Discount Percent	Subtracted Spaces	Total Spaces
EAST					
Wings Aviation	3	10	-2%	0	10
Former Jet Choice	1	8	-10%	1	7
Storage – Riverside Hangar	1	10	-10%	0	10
Storage – Mercury Avenue	10	23	-2%	0	23
WEST					
Avitat / St. Paul Flight Center	5	15	-10%	1	14
Military (*includes helicopters)	1	10		0	10
SOUTH					
Signature	12	56	-10%	6	50
Storage – 1987 Area	4	9	-10%	1	8
Storage – 1999 Area	9	30	-10%	3	27
TOTALS	46	174		12	159
TOTAL without Military	45	164		12	149

Source: MAC visual survey and review of aerial maps

1.4.6 Roadway Access

The airport lies just south of Interstate 94 and east of Interstate 35E, and can be accessed using Trunk Highway 52 to Plato Boulevard. These main roads link the airport to the metropolitan area and the entire region. Robert Street, a main thoroughfare in downtown St. Paul, connects with Fillmore Street and Plato, both of which connect directly to Bayfield Street. Interior airport access roads include Bayfield Street, Airport Road, and Eaton Street.

1.4.7 Vehicle Parking Areas

A large parking lot exists in front of the main terminal building. It can accommodate more than 200 vehicles. Each FBO has parking for their customers. The number varies for each facility. The Minnesota Army National Guard also has a large parking lot across Airport Road from their building that contains more than 300 spaces. Note, however, that many of these spaces are located on railroad right-of-way, and not on MAC property, and most are just gravel, not paved.

All privately owned hangars are accessed via the taxilanes, with tenants parking inside or adjacent to their individual hangars.

1.5 Airport Environment

This section highlights briefly the airport environment, including available utilities, drainage, and local services provided.

1.5.1 Utilities and Local Services

Most tenants at the airport have either electric or natural gas service, or both, as well as telephone service. The electrical lines are above ground in some locations at the airport, and below ground in others. The tenants are billed directly by the utility companies. Qwest provides telephone service, and Xcel provides natural gas and electric service to the airport.

The City of St. Paul offers emergency services for the airport, including police, fire and rescue. This is achieved through agreements between MAC and the City.

1.5.2 Drainage and Water Quality

The following text regarding existing soils is taken from the Water Management Plan prepared for the airport for MAC by Wenck Associates, dated November 1996:

> The natural soils at the airport generally consist of alluvium deposited by the retreating ice of the Wisconsin glacation. The deposit is typically 100 feet deep. Most of the area where the airport lies was originally marsh land. Throughout the history of the airport, several grading operations utilizing river dredge material were completed. It is believed that the river dredge material consisting of predominantly sand has been used for fill material throughout the airport property along with various other fill materials, however, exact locations and volumes are unknown.
>
> The south half of Runway 14-32 was constructed by removing vegetation under the core of the runway and placing fill over the underlying soft soils. The core embankment for the runway consists of sand (select granular) material. The safety areas consist of common fill generally made up of sand, clay, silt, and broken limestone.
>
> Soils classification at the airport fall under the Chaska and Udorthents associations as shown on the General Soils Map contained in the Ramsey County Soil Survey. These soils are generally described as level to very gently sloping. The Chaska soils are present in the southern marshy portions of the site and are poorly drained soils subject to frequent flooding from the Mississippi River consisting of silt loam for approximately the top six inches. The Udorthents soils are present on the majority of the site and consist of variable permeability fill soils consisting of Mississippi River dredging materials and various fill materials as previously described.

In 2005, MAC completed a project to enhance the overall subdrain system at the airport and for specific pavement areas. The project was designed to speed drainage from the subgrade areas of the primary Runway 14-32 and certain taxiways. Inundation by flood waters would impact the weight-bearing capacity of these pavements for as long as water remained present within the subgrade. In addition to enhancing pavement drainage, the project redesigned the main ditch system and included the construction of infiltration basins within airport property for better surface water drainage. Finally, the project rerouted direct drainage to the river, and reduced the number of direct outlets to the Mississippi River from 23 to six. As a result, the discharge of runoff has also been reduced to a much lower rate because of the new storage/infiltration basins. Figure 1-21 shows the general drainage and direction of flows since construction of the subgrade project.

The airport lies within the jurisdiction of the Lower Mississippi River Watershed Management Organization. In 1996, MAC completed a Water Management Plan for the airport, in which the analysis found the existing storm water management system appears to function adequately to convey storm water runoff from the airport. No deficiencies in the system were reported.

There are only a few wetland areas at the airport. The first is a wetland area southwest of the south hangar area. This wetland represents the edge of pre-existing wetland left in place after the fill was completed for the Runway 14-32 and south hangar area construction. A small remnant of this wetland also exists near the south end of Runway 32 between Taxiways A and B. The third wetland area is located near the northeast side of the airport, between the barrel-roof 3M hangar and the river.

The entire airport is located within the floodplain of the Mississippi River. The recent floodwall construction project removed the majority of floodway from the airfield, but a portion of floodway remains at the south end of the airport. While the floodwall can protect the airport up to a 1% event, it does not guarantee the airport will not flood from higher events. Therefore, the airport is still considered to be located within the floodplain.

MAC maintains a Storm Water Pollution Prevention Plan (SWPPP) and a Spill Prevention Control and Countermeasure Plan (SPCC) for MAC-owned facilities at the Airport. MAC has a general storm water discharge permit from the Minnesota Pollution Control Agency (MPCA). In addition, MAC maintains a Water Management Plan for the airport. It includes best management practices for protecting the storm water conveyances, wetlands, and groundwater. Due to the activities performed by the fixed base operators (FBOs), they are required to maintain their own general storm water discharge permit from the MPCA, along with their own SWPPP and SPCC plans.

Chemicals used in deicing activities at airports is of concern because of the potential effects on receiving water bodies. Airport tenants and/or FBOs conduct little aircraft deicing at STP. Most aircraft can be stored inside heated hangars prior to takeoff or cannot fly when icing conditions exist, which eliminates the need for glycol use. MAC may use some minor amounts of urea on the runways during icing conditions. The amount used varies annually. Salt is not used due to its corrosive nature. Sand is used on a limited basis, depending on weather conditions. Given these minor uses, the potential impact on water quality from the airport is minimal.

1.5.3 Sanitary Sewer and Water

The entire St. Paul Downtown Airport is served with sanitary sewer and water. All tenants have the ability to connect to the system, and most have already. Commercial operators and FBOs were required to connect years ago. MAC and FAA facilities are also connected. MAC adopted its Sanitary Sewer and Water Policy in 1998, as well as a subsequent revision in October 2000. Consistent with that policy, no new wells or holding tanks have been allowed at the airport.

1.6 Meteorological Data

The St. Paul Downtown Airport is equipped with an Automated Surface Observing System (ASOS). The ASOS provides computerized weather readings 24-hours a day, with updates every minute, continuously reporting significant weather changes as they occur. The ASOS system reports cloud ceiling, visibility, temperature, dew point, wind direction and speed, altimeter setting (barometric pressure), and density altitude (airfield elevation corrected for non-standard temperature). The recording and monitoring equipment for the ASOS is located in the infield area between Runways 31 and 32 and north of taxiway E (see Figure 1-17). It requires a 1,000-foot radius in which no obstructions or significant amount of pavement exists since they may interfere with the weather readings.

1.7 Area Land Use, Airspace and Zoning

One of the biggest challenges facing airports today is the presence of incompatible land use either adjacent to the airport or in runway flight paths. Working closely with city officials, airport users, developers, and any nearby residents, airports can reduce land use conflicts through the use of zoning regulations that disallow certain types of nearby development.

The City of St. Paul has a well established practice of requiring proposed development around or near the airport to be reviewed by the FAA and MAC. It recommends these agencies review all applications for development to determine if the proposed structure would be a "general obstruction to air navigation" or an "obstruction to a public airport", and to ensure that proper notification to the Commissioner of Transportation is made if so required.

In general, land use around the airport varies. The river bounds the east side of the airfield, as well as a portion of the south. Industrial uses are adjacent to the west. Industrial uses also exist in the areas between the airport and the river on the north and south. There are residential land uses on the bluff areas both across the river to the east and across Highway 52 on the west.

Figures showing the existing land use maps and a discussion on airport zoning are included in Chapter 6 of this report.

1.8 Area Socioeconomic Data

The reliever airport system owned and operated by MAC includes the St. Paul Downtown Airport and five other airports in the metropolitan area. According to the *Economic Analysis of Reliever Airport System*, prepared by Wilder Research in October 2005 for MAC, it is estimated that STP contributes more than $112 million per year to the local economy and supports 853 jobs. This includes on-airport services, fuel sales, and visitor spending in the community.

1.9 Historic Airport Activity

Aircraft based at and using STP includes primarily business jets, but also single-engine, twin-engine piston and turbo props, helicopters and military aircraft (primarily helicopters). It is assumed that flights in and out of STP are of both a business and a recreational nature.

The based aircraft fleet mix currently registered with the State of Minnesota, as of 2007, consists of 23 single-engine planes (25%), 8 multi-engine piston aircraft/light twins (8.5%), 8 turboprops (8.5%), 15 helicopters including military (16%), and 39 jets (42%).

In recent years, the activity at the airport has been declining. This is due to the overall downward trend in aviation since the events of September 11, 2001, primarily in general aviation. It is assumed that the majority of single-engine operations are recreational or of a flight training nature. While single-engine aircraft operations are forecasted to continue declining, jet operations are anticipated to increase at the airport over time. Overall, an increase in aircraft operations is forecasted. See Chapter 2.

Chapter

2 Aviation Forecast

This chapter provides a summary of the aviation activity forecasts prepared for the Long-Term Comprehensive Plan (LTCP) for the St. Paul Downtown Airport-Holman Field (STP). The forecasts are intended for use in subsequent facility requirements analyses for the airside and landside area development. A credible and usable forecast is critical to ensure that the type and size of the planned facilities are appropriate for future conditions. Forecasts are presented for an approximate 20-year time horizon, and include 2010, 2015, 2020, and 2025. The forecasts are unconstrained and assume that the necessary facilities will be in place to accommodate demand except where noted.

The existing and projected socioeconomic conditions in the area and current general aviation activity are used to prepare the assumptions that form the foundation of the forecasts. Based aircraft forecasts for the Metropolitan Airports Commission (MAC) airports are calculated and then allocated among the individual airports. Operations and peak activity forecasts for St. Paul Downtown Airport are derived from the based aircraft forecasts. The analysis includes a set of high and low activity scenarios for the airport.

The assumptions inherent in the following calculations are based on data provided by the MAC, federal and local sources, and professional experience. Fuel cost assumptions reflect the recent major increase in oil prices. Forecasting, however, is not an exact science. Departures from forecast levels in the local and national economy and in the aviation industry could have an effect on the forecasts presented herein.

A copy of the full Activity Forecasts - Technical Report is contained in Appendix A of this document. The report includes background information, socioeconomic data, historical trends, and detailed descriptions of the assumptions for the forecasts. This chapter is a brief synopsis of that report as it pertains to the St. Paul Downtown Airport.

2.1 Aircraft Fleet Mix and Based Aircraft Forecasts

The number of civil based aircraft at STP is expected to increase from 83 in 2007 to 122 in 2025. Jets, including microjets, are expected to increase significantly while piston-powered aircraft are projected to decrease. The number of based aircraft at Holman Field is projected to increase due to the elevated concentration of high-performance aircraft typically used in business. Holman Field currently has 10 military based aircraft which are expected to remain constant during the forecast period.

Table 2-1 shows the results of the based aircraft forecasts for the STP.

2.2 Aircraft Operations Forecasts

The forecasts of aircraft operations were derived from the based aircraft forecasts. Estimates of base year operation levels were obtained from the FAA Air Traffic Activity Data System (ATADS) data base, supplemented by Airport Noise and Operations Monitoring System (ANOMS) data for operations that occur when the Air Traffic Control Tower is not open. Base year operations by aircraft type were based on ANOMS data collected by the MAC. The ANOMS data base misses many of the aircraft flying under Visual Flight Rules. Those were allocated among piston aircraft according to the distribution of based aircraft.

Table 2-1
Based Aircraft Forecast Summary

	2007	2010	2015	2020	2025	Ave Annual Growth Rate
Single Engine Piston	23	23	21	20	19	-1.0%
Multi Engine Piston	8	9	8	8	8	0%
Turboprop	8	9	9	9	9	0.6%
Microjets (VLJs)	0	3	8	13	16	
Other Jets	39	46	54	60	62	2.3%
Helicopter	15	15	17	18	18	0.9%
Other (a)	0	0	0	0	0	0%
TOTAL	93	105	117	128	132	1.8%

(a) Balloons, gliders, and ultralight aircraft.
Source: Appendix A – HNTB Activity Forecasts Technical Report, Table 8, April 2009.

The aircraft operations forecasts assume that average aircraft utilization will change consistent with the adjusted FAA forecasts. In each aircraft category, operations per active aircraft were projected to change at the same rate as hours flown per based aircraft, implicitly assuming that the number of operations per hours flown remain constant. The percentage of touch and go operations in each aircraft category was assumed to remain constant. Total military operations were also assumed to remain constant.

Table 2-2 summarizes the aircraft operations forecasts for STP. The FAA projects average aircraft utilization to increase as a result of increased flying by business and corporate users.

Operations at STP are projected to increase from 125,254 in 2007 to 137,310 in 2025, an average annual increase of 0.5 percent. Decreases are projected in single and multi-engine piston and turboprop categories, with significant increases projected for all the other categories. By 2025, combined jet operations are projected to account for about 31 percent of total operations at Holman Field, compared to about 13 percent currently.

Table 2-2
Aircraft Operations Forecast Summary

	2007	2010	2015	2020	2025
Single Engine Piston	55,485	41,984	37,344	38,263	39,374
Multi Engine Piston	21,938	20,412	15,723	16,014	17,019
Turboprop	7,864	7,510	7,376	7,251	7,227
Microjets (VLJs)	22	2,957	7,601	12,282	15,000
Other Jets	16,448	16,697	22,080	26,123	28,243
Helicopter	23,497	22,310	27,276	30,122	30,448
Other (a)	0	0	0	0	0
TOTAL	125,254	111,870	117,399	130,056	137,310

(a) Balloons, gliders, and ultralight aircraft.
Source: Appendix A – HNTB Activity Forecasts Technical Report, Table 11, April 2009.

The revised 2009 FAA forecasts, published about the end of April 2009, have taken note of recent changes in the very-light-jet (VLJ) industry. While the 2008 forecasts used for this analysis projected about 450 new VLJ aircraft per year (nationally), the 2009 forecasts are projecting 270-300 new VLJ aircraft per year. There was also a more drastic reduction in projected hours flown per aircraft from 1000 per year to 432 per year.

It is possible that the current FAA forecasts are too pessimistic, just like the earlier forecasts were too optimistic. There is great uncertainty in the industry right now, and there are growing pains associated with any new technology. Therefore, the forecasts will not be adjusted at this time. Also, VLJ growth rates are not shown because, with such small base year numbers, the annual percentage growth rate is very high, especially for operations.

2.3 Peak Activity Forecasts

Table 2-3 shows the peak month, average day peak month (ADPM), and peak hour operations forecasts for STP. The relationship between peak activity and annual activity was assumed to remain constant.

Table 2-3 presents the peak activity forecasts for STP and was estimated from FAA air traffic control tower records. Peak hour operations were assumed to be 15 percent of ADPM operations, consistent with the assumptions in the previous STP LTCP. The peak month for the airport is October, and ADPM operations were estimated by dividing by 31 days. Peak hour operations are projected to increase from 60 in 2007 to 65 in 2025.

Table 2-3
Peak Activity Forecast Summary

	2007	2010	2015	2020	2025
Annual Operations (a)	125,254	111,870	117,399	130,056	137,310
Peak Month Operations (b)	12,318	11,002	11,546	12,791	13,504
ADPM Operations (c)	397	355	372	413	436
Peak Hour Operations (d)	60	53	56	62	65

(a) From Table 2-1.
(b) The 2007 percentage of peak month operations based on ATCT counts is assumed to continue through the forecast period.
(c) Average Daily Peak Month - Peak month (October) operations divided by 31 days.
(d) Assumed to be 15 percent of ADPM operations.
Source: Appendix A – Activity Forecasts Technical Report, Table 14, April 2009.

2.4 Forecast Scenarios

General aviation activity has historically been difficult to forecast, since the relationships with economic growth and pricing factors are more tenuous than in other aviation sectors, such as commercial aviation. This uncertainty is likely to carry over into the near future, given the volatility of fuel prices and the anticipated emergence of microjets. To address these uncertainties, and to identify the potential upper and lower bounds of future activity at St. Paul Downtown Airport, detailed high and low fuel price scenarios are presented. These scenarios use the same forecast approach that was used in the base case, but alter the assumptions to reflect either a more aggressive or more conservative outlook towards fuel costs.

2.4.1 High Forecast Scenario

The high forecast activity scenarios for the airport assumes that after the oil price spike in 2008, fuel prices return to the levels that had been originally projected by the Office of Management and Budget (see Table I.1 in Appendix A). Other assumptions, including capacity constraints at MSP, are the same as in the base case.

Table 2-4 shows the high forecast scenario for STP. Total operations would be 14 percent higher than under the base case, and jet operations would account for almost 34 percent of total operations.

Table 2-4
High Forecast Scenario

	2007	2010	2015	2020	2025
BASED AIRCRAFT SUMMARY					
Single Engine Piston	23	23	22	19	13
Multi Engine Piston	8	9	8	8	7
Turboprop	8	9	9	9	8
Microjets (VLJs)	0	3	9	12	17
Other Jets	39	46	59	66	69
Helicopter	15	15	18	18	18
Other (a)	0	0	0	0	0
TOTAL	93	105	125	132	132
AIRCRAFT OPERATIONS SUMMARY					
Single Engine Piston	55,485	54,878	52,752	52,094	46,690
Multi Engine Piston	21,938	24,555	19,485	19,760	18,100
Turboprop	7,864	8,829	8,745	8,411	7,344
Microjets (VLJs)	22	3,467	10,062	13,259	18,636
Other Jets	16,448	18,897	27,085	31,575	34,123
Helicopter	23,497	23,327	31,235	31,359	31,537
Other (a)	0	0	0	0	0
TOTAL	125,254	133,953	149,365	156,458	156,431

(a) Balloons, gliders, and ultralight aircraft.
Source: Appendix A – Activity Forecasts Technical Report, Table 17, April 2009.

2.4.2 Low Forecast Scenario

The low forecast scenarios for the airport were prepared assuming that oil prices would continue to increase after 2008, rising to $200 per barrel by 2010, and then remaining at that level (see Table I.2 in Appendix A). Other assumptions, including capacity constraints at MSP, are the same as in the base case.

The low scenario forecast for St. Paul Downtown Airport is presented in Table 2-5. By 2025 total based aircraft are expected to be 9 percent lower than under the base case. Total operations would be 18 percent lower than in the base case by 2025.

Table 2-5
Low Forecast Scenario

	2007	2010	2015	2020	2025
BASED AIRCRAFT SUMMARY					
Single Engine Piston	23	23	22	21	20
Multi Engine Piston	8	9	8	8	8
Turboprop	8	9	9	9	8
Microjets (VLJs)	0	2	5	8	12
Other Jets	39	44	50	51	54
Helicopter	15	15	18	18	19
Other (a)	0	0	0	0	0
TOTAL	93	102	112	115	120
AIRCRAFT OPERATIONS SUMMARY					
Single Engine Piston	55,485	28,004	26,822	28,404	30,283
Multi Engine Piston	21,938	15,771	12,317	12,666	13,571
Turboprop	7,864	5,936	6,012	6,076	5,509
Microjets (VLJs)	22	2,025	4,966	7,941	11,845
Other Jets	16,448	13,337	17,826	19,900	22,474
Helicopter	23,497	20,786	27,990	28,627	29,187
Other (a)	0	0	0	0	0
TOTAL	125,254	85,858	95,934	103,613	112,869

(a) Balloons, gliders, and ultralight aircraft.
Source: Appendix A – Activity Forecasts Technical Report, Table 20, April 2009.

2.5 Summary

The base case forecasts project a moderate growth in based aircraft at St. Paul Downtown Airport. Operations are projected to decline through the 2010-2015 period and then begin to rise again later in the forecast, reflecting anticipated stabilization of oil prices at a new higher level. Although activity by piston powered aircraft is projected to decline, activity by higher performance turboprops and jets favored by business aviation is projected to increase significantly.

The forecast scenarios indicate that future fuel prices will have a major impact on the development of general aviation. Therefore, it is prudent to closely monitor actual aviation activity and modify the phasing of facility improvements if that activity materially departs from forecast levels.

Chapter 3

Airside and Landside Facility Requirements

This chapter describes the facility requirements needed to accommodate the base case and demand forecasts for year 2025. The sections of this chapter are intended to:

- Describe relevant design criteria
- Present airfield requirements in context of the critical aircraft
- Review NAVAID requirements
- Identify general aviation facility requirements
- Review parking and airport access needs
- Review obstructions issues
- Present miscellaneous requirements for the airport

3.1 Airside Requirements

3.1.1 Airport Reference Code

Federal Aviation Administration (FAA) Advisory Circular 150/5300-13 Airport Design outlines airport design guidelines. Primarily aimed at maintaining airport safety and efficiency, these guidelines help ensure that facilities at a given airport will match the requirements of the type of aircraft actually using (or forecast to use) the airport on a regular basis. For example, an airport serving larger aircraft will need wider runways and bigger safety areas than will an airport serving small single-engine aircraft. In addition to aircraft type, airport design is also affected by the existing or planned approach visibility minimums for each runway.

To match aircraft type to the appropriate facility requirements, an Airport Reference Code (ARC) is applied to each runway. An ARC is most often determined based upon the Approach Category (grouping by approach speed) and the Airplane Design Group (ADG - grouping by wingspan and tail height) of aircraft using or expected to use the airport on a regular basis (at least 500 operations a year); though the FAA also considers local characteristics when approving applied criteria.

3.1.2 Approach Category

The current aircraft approach category assigned to Runway 14-32 at the Airport is “D”. Typical aircraft in this aircraft approach category include business jets such as the Gulfstream V. Both Runways 13-31 and 9-27 are assigned aircraft approach category “B”. Runway 13-31 is designed for aircraft over 12,500 pounds maximum gross take-off weight. Typical aircraft in this approach category and weight include small business jets such as the Cessna Citation III. Runway 9-27 is designed for aircraft less than 12,500 pounds. Typical aircraft in this category are single-engine and twin-engine piston and few turboprops such as the Raytheon Beechcraft King Air B200 and smaller. See Figures 3-1 and 3-2.

Given that the role of the airport and types of aircraft operating there is not anticipated to change over the forecast period, the plan recommends the criteria associated with these categories of aircraft continue to be applied. See Table 3-1.

Table 3-1
Aircraft Approach Category

	Knots
A	Speed less than 91 knots.
B	Speed 91 knots or more but less than 121 knots.
C	Speed 121 knots or more but less than 141 knots.
D	Speed 141 knots or more but less than 166 knots.
E	Speed 166 knots or more.

3.1.3 Airplane Design Group

The current airplane design group applied to Runway 14-32 is Group III. This means that the runway is designed to accommodate aircraft with wingspans less than 118 feet. Aircraft that fall into this category include most single-engine and twin-piston aircraft, turbo props and business jets. Runways 13-31 and 9-27 can accommodate airplane design Group II aircraft. Group II includes the Raytheon Beechcraft King Air B200 and smaller regional and corporate jets such as the Cessna Citation I, II and III and Gulfstream I. Table 3-2 shows the thresholds for the airplane design groups.

Table 3-2
Aircraft Design Group

Category	Wingspan Criteria	Tail Height Criteria
I	Up to but not including 49 feet	Up to but not including 20 feet
II	49 feet up to but not including 79 feet	20 feet up to but not including 30 feet
III	79 feet up to but not including 118 feet	30 feet up to but not including 45 feet
IV	118 feet up to but not including 171 feet	45 feet up to but not including 60 feet
V	171 feet up to but not including 214 feet	60 feet up to but not including 66 feet
VI	241 feet up to but not including 262 feet	66 feet up to but not including 80 feet

3.1.4 Wind Coverage

Weather conditions have a significant influence on the operational capabilities at an airport. Wind speed and direction help determine runway orientation. Temperature plays a role in determining runway length. High temperatures in the summer months result in longer runway length requirements. Cloud cover and low visibility are factors used to determine the need for navigation aids and instrument approaches.

Aircraft generally take off and land directly into the wind, or at least as directly into the wind as a given runway alignment allows. Crosswind runways are used when the wind is blowing perpendicular to the primary runway. Because small single-engine aircraft have less power and are lighter than larger aircraft, they often have the most pressing need for crosswind runways.

The FAA prefers that the primary runway supply at least 95% percent wind coverage for the aircraft anticipated to use the airport. If the primary runway does not provide this level of coverage, a crosswind runway may be justified.

Wind and weather data from the National Oceanic and Atmospheric Administration for the St. Paul Downtown Airport Automated Surface Observing Systems (ASOS) for 1996– 2005 was obtained. This data was used to analyze the amount of wind coverage provided by the current runways.

Because larger, heavier and more powerful aircraft need a crosswind runway less often than smaller, lighter and less powerful ones, different wind speeds are used in the crosswind runway analysis for different aircraft. These different wind speeds are called crosswind components. Crosswind components are defined by wind direction and speed taken at a right angle to a runway. The FAA recommends that the criteria depicted in Table 3-3 be applied:

Table 3-3
Crosswind Components

Crosswind Component	Airport Reference Code
10.5 knots	A-I, B-I
13 knots	A-II, B-II
16 knots	A-III, B-III, C-I through D-III
20 knots	A-IV through D-VI

Tables 3-4 and 3-5 summarize the wind coverage of runways for different crosswind components. Table 3-4 includes the data for all of the weather conditions and Table 3-5 includes only the data when the weather is under Instrument Flight Rules (IFR) conditions of less than 1,000 foot ceilings and/or three miles visibility but greater than 200 feet ceilings and half mile visibility (closed conditions).

Table 3-4
All Weather Wind Coverage

Wind Speed	Airport Reference Code	Rwy 14-32	Rwy 13-31	Rwy 9-27	All Runways
10.5	A-I and B-I	95.02%	95.28%	89.59%	98.73%
13	A-II and B-II	97.68%	97.90%	94.83%	99.67%
16	A-III, B-III, and C-I through D-III	99.48%	99.60%	98.85%	99.94%

Source: NOAA National Data Center, US Department of Commerce, St. Paul Downtown Station (WMO: 726584), 01/01/96 to 12/31/05.

Runways 14 and 32 have precision and non-precision instrument approaches, and Runway 31 has a non-precision instrument approach. These allow aircraft to land in a wider range of weather conditions. The data from the St. Paul ASOS indicates that weather conditions are below 1,000 feet ceilings and/or three mile visibility about seven percent of the time. Weather data indicates that during IFR conditions, Runway 14 is favored.

Table 3-5
IFR Weather Wind Coverage

Wind Speed	Airport Reference Code	Rwy 14-32	Rwy 13-31	Rwy 9-27	All Runways
10.5	A-I and B-I	97.12%	97.24%	92.72%	99.33%
13	A-II and B-II	98.47%	98.69%	96.69%	99.81%
16	A-III, B-III, and C-I through D-III	99.71%	99.75%	99.21%	99.95%

Source: NOAA National Data Center, US Department of Commerce, St. Paul Downtown Station (WMO: 726584), 01/01/96 to 12/31/05.

These tables show that the runways at the airport provide good wind coverage.

Another important factor to consider when planning facilities at airports is temperature. Temperature effects aircraft performance. The standard used is the mean daily maximum temperature of the hottest month at the airport. For the St. Paul Downtown Airport, the mean maximum temperature of the hottest month (July) is 83.2 degrees Fahrenheit.

3.2 Airside Capacity Requirements

3.2.1 Annual Service Volume

Airfield capacity is defined as the maximum number of operations that can be accommodated by a particular airfield configuration during a specified interval of time when there is constant demand. Annual service volume (ASV) is one capacity measure and the average hourly capacity is another.

The Annual Service Volume (ASV) for a given airport is the annual level of aircraft operations that can be accommodated with minimal delay. For an airport with annual operations below its ASV, delay is minimal, within one to four minutes per operation. Anything above four minutes of delay per operation can result in increased congestion that can adversely tax airfield capacity.

An airfield system's capacity is determined by a multitude of factors, including prevailing winds and associated orientation of runways, number of runways, taxiway system, fleet mix, operational characteristics of based aircraft and weather conditions.

St. Paul Downtown Airport's ASV is currently calculated to be 265,000, which is well above its current and 2025 projected annual operations of 125,254 and 137,310 respectively. It is also well above the high scenario 2025 year forecast of 156,431 annual operations. From the FAA Advisory Circular 150/5060-5 (Airport Capacity and Delay), St. Paul Downtown Airport's average hourly capacity was estimated to be 132 operations during VFR conditions and 59 operations during IFR conditions. Peak activity forecasts show 65 peak hour operations for the year 2025. Table 3-6 summarizes these numbers in terms of airside capacity.

Table 3-6
Airside Capacity

	Base/Forecasted Operations	Ops/Year Maximum	% Airside Capacity	Base/Forecasted Peak Hour Ops (VFR)	Ops/Hour Maximum (VFR)	% Airside Capacity
2007	125,254	265,000	47.3	60	132	45.5
2010	111,870	265,000	42.2	53	132	40.2
2015	117,399	265,000	44.3	56	132	42.4
2020	130,056	265,000	49.0	62	132	47.0
2025	137,310	265,000	51.8	65	132	49.2

St. Paul Downtown Airport has adequate runway capacity to support all of the forecast scenarios. This means that runway capacity will not be a contributing factor to any airport improvements.

3.2.2 Runway Length

Runway length requirements are based on the type of aircraft using or expected to use the runway, and are affected by temperature, airport elevation, and runway gradient. In addition, runway surface conditions also impact runway requirements. This last factor is an important consideration for determining runway lengths at airports in northern climates where wet and icy conditions exist.

Runway length analysis was conducted using two similar methods. The first method was the FAA Advisory Circular 150/5325-4B Runway Length Requirements for Airport Design while the second was the FAA Airport Design for microcomputers program.

FAA Advisory Circular (AC) 150/5325-4B, Runway Length Requirements for Airport Design uses a five-step procedure to determine recommended lengths for a list of critical design aircraft or "family grouping of aircraft having similar performance characteristics and operating weights." Although this methodology is general in nature, it recognizes that there is uncertainty about the composition of the airport fleet mix during the forecast period. Determining runway length based on a family of aircraft ensures the greatest measure of flexibility.

The AC provides runway length requirement tables for three groups of aircraft based upon the Maximum Certificated Takeoff Weight (MTOW):

- Airplane Weight Category 12,500 pounds or less;
- Airplane Weight Category over 12,500 pounds but less than 60,000 pounds; and
- Airplane Weight Category 60,000 pounds or more or Regional Jets.

Based on both the existing and future fleet mix at STP the airplanes that will require the longest runway lengths are Airplane Weight Category 60,000 pounds or more or Regional Jets. For these sized aircraft the advisory circular recommends using performance charts from individual aircraft manufactures. The critical aircraft at the airport is the Gulfstream V (G-V), which has a maximum gross take-off weight (MTOW) of 91,000 pounds.

During the recent Engineering Materials Arrestor System (EMAS) project at STP, a runway length analysis was done. Gulfstream was contacted and responded that the G-V requires 7,300 feet balanced field length to take-off at MTOW on an 85 degree day[1].

The runway length for a crosswind runway equals 100% of the recommended runway length determined for the lower crosswind capable airplanes using the primary runway. At STP the Airplane Weight Category 12,500 pounds or less should be considered for the crosswind runway length since these aircraft are impacted by crosswinds. Under this weight range, one of two "percentage of fleet" categories can be used (95 percent or 100 percent).

Figure 2-1 of the advisory circular was used to calculate runway length requirements for this category of aircraft. The calculations consider airport elevation above mean sea level, and mean daily maximum temperature of the hottest month.

To accommodate 95 percent of the fleet, the crosswind runway length should be approximately 3,300 feet. To accommodate 100 percent, the crosswind runway length should be approximately 3,900 feet long.

Another way to calculate runway length requirements is to use the Airport Design for microcomputers program that is part of FAA AC 150/5200-13-Airport Design. This program incorporates Airport elevation, mean daily maximum temperature, length of haul, and runway conditions. The following analysis was done as a cross check. The Airport Design for microcomputers program provides runway length requirement tables for six groups of aircraft:

- Small airplanes with approach speeds of less than 30 knots
- Small airplanes with approach speeds of less than 50 knots
- Small airplanes with less than 10 passenger seats
- Small airplanes with 10 or more passenger seats
- Large airplanes of 60,000 pounds or less
- Airplanes of more than 60,000 pounds

[1] Supporting Information for RSA Determination-St. Paul Downtown Airport, July, 2006.

Based on the above criteria, the category of airplanes of more than 60,000 pounds applies and requires a 6,620-foot runway. For small airplanes with less than 10 passenger seats, the runway length should be approximately 3,200 feet to accommodate 95 percent of these aircraft and 3,810 feet to accommodate 100 percent of these aircraft.

Table 3-7
Recommended Runway Lengths

AIRPORT AND RUNWAY DATA	
Airport elevation	705 feet
Mean daily maximum temperature of the hottest month	83.2 F
Maximum difference in runway centerline elevation	4 feet
Length of haul for airplanes of more than 60,000 pounds	1,200 miles

RUNWAY LENGTHS RECOMMENDED FOR AIRPORT DESIGN (for wet and slippery runways)	
Small airplanes with approach speeds of less than 30 knots	320 feet
Small airplanes with approach speeds of less than 50 knots	860 feet
Small airplanes with less than 10 passenger seats	
75 percent of these small airplanes	2,670 feet
95 percent of these small airplanes	3,200 feet
100 percent of these small airplanes	3,810 feet
Small airplanes with 10 or more passenger seats	4,280 feet
Large airplanes of 60,000 pounds or less	
75 percent of these large airplanes at 60 percent useful load	5,410 feet
75 percent of these large airplanes at 90 percent useful load	7,000 feet
100 percent of these large airplanes at 60 percent useful load	5,500 feet
100 percent of these large airplanes at 90 percent useful load	8,050 feet
Airplanes of more than 60,000 pounds	Approximately 6,620 feet

Source: FAA's Airport Design software (Version 4.2D)

It should be noted that as part of the floodwall construction permitting process with the City of St. Paul, MAC adopted a resolution which contains the following assurance: "MAC will not take any action to increase the length of the runways at the Airport in excess of the current length, unless required to do so by State law, provided that MAC will not initiate, promote, or otherwise support enactment of such law."

3.2.3 Runway Orientation

For optimum runway design, the primary runway should be orientated to capture 95 percent of the crosswind component perpendicular to the runway centerline for any aircraft that is to use the airport. At STP, the primary runway is slightly above 95%. In cases where this criteria cannot be met, a crosswind runway is recommended. A crosswind runway is also recommended when certain aircraft with lower crosswind capabilities are unable to utilize the primary runway, provided they have over 500 annual operations at that airport. According to criteria found in FAA Advisory Circular 150/5325-4B, Runway Length Requirements for Airport Design, dated July 1, 2005, crosswind runway length should be 100% of the recommended runway length for the aircraft with lower crosswind capabilities. If the crosswind runway is designed to accommodate the same aircraft as the primary runway, it should be the same length as the primary. If it is designed for different (typically smaller) aircraft, it should be designed to accommodate the needs of those aircraft. At STP, the crosswind runway should be designed to accommodate smaller aircraft than the primary runway and therefore the recommended length of the crosswind runway is 3,810 feet.

3.2.4 Runway Width and Shoulders

The FAA establishes 100 feet as the required width for a runway supporting D-III ARC and 75 feet for B-II with visibility minimums not lower than ¾ miles. Runways 14-32 and 13-31 at STP are 150 feet wide and Runway 9-27 is 100 feet wide.

Runway shoulders are intended to provide a transition surface between the runway pavement and the adjacent surface, to support aircraft running off the pavement, provide blast protection, and enhance erosion control and drainage. For D-III ARC, the required shoulder width is 20 feet and for B-II, the required shoulder width is 10 feet. The airport meets these requirements.

3.2.5 Runway Safety and Object Free Areas

There have been recent improvements to the Runway Safety Areas (RSAs) at St. Paul Downtown Airport. Runway 14-32 RSA width is 500 feet and the length beyond the end of the runways is 500 feet for Runway 14 and 218 feet for Runway 32. The requirement for a D-III runway is 500 feet wide and 1,000 feet beyond the runway end. An Engineered Material Arresting System (EMAS) bed was installed at each Runway 14-32 end in 2008 because of this deficiency. The material is designed to slow an aircraft skidding off the end of the runway and gently stop it without damage to the aircraft landing gear or passengers. It is an FAA-approved system that meets criteria in lieu of a full-length safety area.

The Runway 13-31 and Runway 9-27 RSA width is 150 feet and the length beyond the end of the runways is 300 feet. These runways meet the safety area requirements for ARC-II with greater than ¾ mile visibility minimums.

The Runway Object Free Area (ROFA) is centered on the runway and should be clear of any above ground objects protruding into the runway safety area edge elevation. An exception to this rule is related to objects necessary for air navigation or aircraft ground movement. The ROFA width is 800 feet for Runway 14-32 and 500 feet for Runways 13-31 and 9-27. The length beyond the end of the runway is the same as the RSA. All runways meet this criterion except for Runway 14. The far corners of the OFA are deficient. A request for modification to design standards for the Runway 14 OFA is pending until the FAA review of the as-built Airport Layout Plan is complete.

The Runway Obstacle Free Zone (OFZ) is a defined airspace centered above the runway and extends 200 feet beyond each runway end. The width varies depending on the characteristics of the runway's critical aircraft. For STP, it is 400 feet wide for Runway 14-32 and 250 feet wide for Runway 13-31 and 9-27. All runways meet FAA requirements.

3.2.6 Taxiway Requirements

ADG III criteria for taxiway width are 50 feet. The parallel taxiways and all connector taxiways are currently 50 feet wide.

For ADG III aircraft and any approach visibility minimums, the recommended runway centerline-to-taxiway centerline separation is 400 feet for approach category C and D aircraft. For ADG II aircraft and approach visibility minimums not lower than ¾ mile, the recommended runway centerline-to-taxiway centerline separation is 240 feet for approach category A and B aircraft. For Runway 14-32, the parallel taxiway separation distance is currently 400 feet. For Runway 13-31, the parallel taxiway separation distance is currently 450 feet. The separation between runway and taxiway for both runways with parallel taxiways meets the FAA criteria for the existing visibility minimums. Runway 9-27 has only a small portion of parallel taxiway near the end of Runway 9, on each side of the runway. The separation between runway and taxiway on the north side is 245 feet and on the south side is 369 feet. All separations meet FAA criteria.

Taxiway turnoffs should be present to facilitate aircraft exit off of the supported runway, to reduce incursions and minimize time on runway. The existing connectors currently provide this functionality and AC 150/5300-13 guidance will be utilized for any future taxiways.

Paved or stabilized shoulders are recommended along taxiways. ADG III aircraft require 20 foot shoulders and ADG II require 10 foot shoulders. STP has 20-foot wide turf shoulders on all taxiways.

The Taxiway Object Free Area (OFA) width for ADG III aircraft is 186 feet and ADG II aircraft is 131 feet. The FAA-recommended taxilane OFA width is 162 feet for D-III and 115 feet for B-II airports. The FAA offers a calculation as an alternative that utilizes the wingspan of a particular aircraft to determine an adequate OFA. The formula takes the wingspan times 1.2, plus 20 feet.

Due to the presence of the sheet pile wall along Taxiway B and southern portion of Taxiway A, a modification to design standards was requested and approved. The Taxiway B connector OFA southwest of connector Taxiway A2 is restricted to aircraft with wingspans no greater than 71 feet. The Taxiway A OFA southeast of Taxiway B connector is restricted to aircraft with wingspans no greater than 100 feet. Pilots are made aware of those restrictions through the Airport/Facility Directory published by the U.S. Department of Transportation, Federal Aviation Administration.

3.3 Landside Requirements

3.3.1 Hangar Facilities

The St. Paul Downtown Airport, like all of the MAC airports, has a variety of hangar sizes. Unlike other MAC Reliever Airports, the hangar areas at STP are constrained with little opportunity to expand. The majority of hangars are sized to house large corporate aircraft, but there are also smaller hangars on the field. As shown in Chapter 1, the airport is estimated to have 149 indoor aircraft storage spaces, or 159 counting military aircraft. This number includes an assumption that some airport tenants sublease extra space for additional aircraft within their hangars, and includes a small discount for those who opt not to lease extra space.

Tenants own their hangars and lease the ground space from MAC. It is currently the policy of the MAC that no tenant can lease more space than they can justify with actual aircraft ownership. This practice has reduced the number of large hangar demands and, subsequently, reduces some of the subleasing opportunities at the airport.

According to the Chapter 2 forecasts, the number of based aircraft is anticipated to gradually rise from 93 in 2007 to 132 in the year 2025. The south hangar area expansion was completed in 2000, and still has large corporate hangar sites available. MAC also completed the “Mercury Avenue” hangar area in 2002 on the east side of the airport. It has four small aircraft hangar sites and a site for an 8-aircraft T-hangar still available. With a forecasted growth to132 aircraft by 2025, the airport has enough hangar space to meet the forecasted demand.

It should be noted that if the demand for hangar space begins to exceed the current capacity, it is possible to consider redevelopment in some areas; but for the most part, there is no additional space at the airport for any new hangar areas. It should also be noted that hangar construction in the Mercury Avenue area or anywhere along Bayfield Street on the east side of the airport is subject to specific floodway/floodplain development and construction requirements.

3.3.2 Fixed Base Operators

At the time of writing this document, the airport has two operating full service FBOs and a third vacant FBO space. The airport also has a commercial operator that provides flight training and small aircraft rental. There is no need or space for any additional FBO facilities.

3.3.3 MAC Administration Building

Aside from on-going maintenance related items, the administration building needs no major improvements. Some HVAC work is needed to improve the heating and cooling in the restaurant space. In addition, a project is programmed in the MAC Capital Improvement Program to install a drain system around the exterior of the basement. This will improve the drainage around the building and alleviate pressures on the basement walls during flood conditions.

3.3.4 Airport Access, Roadway Circulation and Parking

At this time, there are no issues related to airport access or parking. The MAC-owned administration building, the FBOs and hangar areas are all connected to the street system surrounding the airport.

3.3.5 Maintenance and Fuel Storage Areas

At this time, there is no demand or requirement for additional maintenance equipment or fueling capabilities at the airport. The main maintenance building located across the parking lot from the administration building is in need of repair. It has some exterior wall cracking that will continue to be monitored, and if necessary, a project will be pursued to correct it.

3.4 Lighting and Navigation Requirements

3.4.1 Runway and Taxiway Edge Lighting

The runway safety area projects recently completed for all three runways included any necessary runway and taxiway lighting modifications. There are currently no deficiencies on the field. The existing electrical vault building, however, does not meet code and must be brought into compliance.

3.4.2 PAPI

All of the Precision Approach Path Indicator (PAPI) systems on the airfield are new or recently new with the runway safety area improvement projects. A PAPI system is a row of lights normally located on the left side of a runway that provide visual descent guidance information during an approach to a runway. The lights are visible from about five miles during the day and up to 20 miles at night. There is no need for additional or upgraded PAPI systems.

3.4.4 Instrument Approach

As noted in the Chapter 1 inventory, Runway 14 has an Instrument Landing System (ILS) with an approach lighting system (MASLR) and one mile approach visibility. Additionally, Runway 32 has an ILS approach, and both Runway 14 and 32 have RNAV GPS approaches.

The previous long-term comprehensive plan recommended lead-in lights be installed for Runway 32. This was once again reviewed as a part of this update. A medium-intensity approach lighting system (MALSF) was also reviewed because of the benefits it would provide for approach minimums. In both cases, however, the physical location of the river would require Runway 14-32 to be shortened in order to allow the installation of an approach lighting system. The minor incremental benefit of the lighting system would not exceed the benefit of maintaining the existing runway length, and therefore, was dropped from further consideration.

Since the FAA recommends a minimum of 5,000 feet of runway for an ILS, the 4,004-foot Runway 13-31 is too short for such an installation. MAC has previously studied an extension to Runway 13, but it would overlap with the approach to Runway 14, and the resulting configuration would be undesirable from a safety standpoint. Runway 9-27 is shorter than Runway 13-31.

3.5 Security Requirements

The airport is fully surrounded by a perimeter fence. It provides dual functions in providing security as well as help to keep the local deer population outside of the fence and off the airfield. Automatic gates are installed at almost all airport entrances to the airfield. Those that are not power-operated gates are locked to ensure no unauthorized access to the field.

3.6 Utility Requirements

As noted in Chapter 1, all of the hangar areas and buildings are connected to or have the ability to connect to sanitary sewer and water. Other utilities also exist in all locations at the airport. At this time, there is no demand or requirement for additional utilities at the airport.

3.7 Obstruction Related Issues

Obstructions, if any, are typically analyzed when an Airport Layout Plan is prepared. Obstructions will be identified with a proposed disposition for each. In recent years, trees on airport property that were identified as potential obstructions were removed. In 2009, numerous additional trees were removed from airport and non-airport property to clear the runway approaches from such obstructions.

Chapter

4 Plan Recommendations

In this chapter, the different potential development options for the airport are analyzed. While the number of concepts could be infinite, the ones in this chapter have been developed taking into consideration the airport inventories, forecasted growth and facility requirements. In addition, other concepts or ideas arising from public input during the long-term comprehensive plan (LTCP) process also received consideration.

4.1 Airport Expansion - Runways and Hangar Areas

The St. Paul Downtown Airport currently has three runways, as discussed in Chapter 1. Typical alternatives can include additional runways, runway extensions, additional taxiways, and/or hangar areas, depending on existing needs, forecasts, and airfield capacity.

4.1.1 Runways

As shown in Chapter 2, Table 2-2, the number of operations in 2007 was 125,254. In Chapter 3, the maximum number of operations the airport can handle, the annual service volume, was identified as 265,000 operations based on the existing three runway configuration. Therefore, from an airside standpoint, the airport is currently at 47% capacity.

The baseline 2025 forecast number of operations at STP is 137,310 operations, equating to a capacity of about 52%. Under the high scenario, the 156,431 forecasted number of operations in 2025 would result in 59% capacity. None of these figures trigger the need to study additional runway capacity at STP at this time. The airport site is constrained, however, so it is unlikely an additional runway could be constructed. However, an alternative to consider would be re-alignment of one or more runways to increase the capacity when operation volumes trigger such an analysis.

Chapter 3, section 3.2.2 indicates the recommended runway length for the critical aircraft is 7,300 feet, and for the group of aircraft weighing more than 60,000 pounds, it is 6,620 feet. For smaller aircraft using STP, a runway length of 3,810 feet is recommended. As noted in Chapter 1, the primary runway is 6,491-feet, which is only 129 feet short of the recommended 6,620 feet. Runway 13-31 already exceeds the recommendation by 104 feet for small aircraft less than 12,500 pounds. Runway 9-27 is short of the recommended 3,810 feet by 168 feet. The runway safety improvements recently completed required the reduction of runway length for each of the three runways in order to obtain the required runway safety area length. It is not possible to extend the runways given the physical location of the river and the required safety area criteria. Therefore, STP cannot meet the FAA-recommended runway lengths to accommodate 100 percent of the aircraft that fall into the approach categories.

4.1.2 Hangar Areas

The number of based aircraft registered for STP in 2007 was 93 aircraft (including military aircraft), as identified in Table 2-1 in Chapter 2. Chapter 3 indicated that there is an estimated 149 actual indoor hangar spaces at the airport. This means the current landside capacity equates to about 62%.

According to the baseline forecast, the based aircraft would reach 132 including military aircraft, or approximately 89% capacity. As indicated in Chapter 3, the airport has enough capacity to meet the forecasted demand.

4.2 Plan Recommendations

As discussed above and in Chapter 3, there is no demonstrated need for specific airfield improvements at this time. There are, however, various airside and landside improvements that are recommended for implementation. They are itemized below, and shown in Figure 4-1.

4.2.1 Pavement Maintenance Program

It is recommended that MAC continue pavement reconstruction and rehabilitation as part of the on-going pavement maintenance program. For STP, MAC typically carries separate items in the capital improvement program for pavement maintenance. One line item includes pavement rehabilitation or reconstruction proposed for the seven-year program, for which costs are based on specific project locations. The second line item is an on-going every-other-year joint and crack repair item. Given the poor soils and saturation at STP, the pavements tend to move more which results in a more frequent need for repairs.

4.2.2 Terminal Sub Drain

As discussed in Chapter 3, this project is recommended to improve the drainage around the exterior basement of the administration building. The improved drainage will alleviate subsurface soil and water pressures put on the basement walls during flood conditions.

4.2.3 Electrical Vault Improvements

Also identified in Chapter 3, upgrades to the electrical vault building are recommended to bring the facility into code compliance. The recommended project includes a new building, HVAC, control panels, regulators, switchgears, etc.

4.2.4 Floodwall Maintenance

It is recommended that MAC continue to discuss and plan for the on-going maintenance, training, personnel/resources, compensatory excavation monitoring, and review any possible permit requirements for the floodwall.

4.2.5 Concurrent Use / Development Parcels

It is recommended that MAC continue to research the potential development of concurrent land uses for revenue generating purposes on airport property. There is only one parcel that has been identified to date for this type of development. It is located on the cul-de-sac of Ridder Circle on the north end of the airport, adjacent to the Pioneer Press facility. It is shown as Parcel 1R on Figure 1-4, and is highlighted in Figure 4-1.

4.2.6 Agency Coordination

It is recommended that MAC continue cooperation with the cities surrounding the airport through the existing Downtown Airport Advisory Commission, Joint Airport Zoning Board, and on-going MAC/City staff interaction.

Chapter

5 Environmental Considerations

An integral part of the airport planning process focuses on the manner in which the airport and any planned enhancements to the facility pose environmental impacts. This chapter evaluates the environmental implications of the planned operation and development of the St. Paul Downtown Airport.

5.1 Aircraft Noise

5.1.1 Quantifying Aircraft Noise

5.1.1.1 Basics of Sound

Sound is a physical disturbance in a medium, a pressure wave typically moving through air. A sound source vibrates or otherwise disturbs the air immediately surrounding the source, causing variations in pressure above and below the static (at-rest) value of atmospheric pressure. These disturbances force air to compress and expand, setting up a wavelike movement of air particles that move away from the source. Sound waves, or fluctuations in pressure, vibrate the eardrum creating audible sound.

The decibel, or dB, is a measure of sound pressure level that is compressed into a convenient range, that being the span of human sensitivity to pressure. Using a logarithmic relationship and the ratio of sensed pressure compared against a fixed reference pressure value, the dB scale accounts for the range of hearing with values from 0 to around 200. Most human sound experience falls into the 30 dB to 120 dB range.

Decibels are logarithmic and thus cannot be added directly. Two identical noise sources each producing 70 dB do not add to a total of 140 dB. The correct answer is 73 dB. Each time the number of sources is doubled, the sound pressure level is increased 3 dB.

Baseline:	70 dB
2 sources:	70 dB + 70 dB = 73 dB
4 sources:	70 dB + 70 dB + 70 dB + 70 dB = 76 dB
8 sources:	70 dB + 70 dB + 70 dB + 70 dB + 70 dB + 70 dB + 70 dB + 70 dB = 79 dB

The just-noticeable change in loudness for normal hearing adults is about 3 dB. That is, changes in sound level of 3 dB or less are difficult to notice. A doubling of loudness for the average listener of A-weighted sound is about 10 dB.[2] Measured, A-weighted sound levels changing by 10 dBA effect a subjective perception of being “twice as loud”.[3]

Figure 5-1 provides the noise levels for various common sources.

[2] A-weighted decibels represent noise levels that are adjusted relative to the frequencies that are most audible to the human ear.
[3] Peppin and Rodman, Community Noise, p. 47-48; additionally, Harris, Handbook, Beranek and Vér, Noise and Vibration Control Engineering, among others.

5.1.1.2 Day-Night Average Sound Level (DNL)

In 1979 the United States Congress passed the Aviation Safety and Noise Abatement Act. The Act required the Federal Aviation Administration (FAA) to develop a single methodology for measuring and determining airport noise impacts. In January 1985 the FAA formally implemented the Day-Night Average Sound Level (DNL) as the noise metric descriptor of choice for determining long-term community noise exposure in the airport noise compatibility planning provisions of 14 C.F.R. Part 150. Additionally, FAA Order 1050.1, *"Environmental Impacts: Policies and Procedures"* and FAA Order 5050.4, *"National Environmental Policy Act (NEPA) Implementing Instructions for Airport Actions,"* outline DNL as the noise metric for measuring and analyzing aircraft noise impacts.

As detailed above, the FAA requires the DNL noise metric to determine and analyze noise exposure and aid in the determination of aircraft noise and land use compatibility issues around United States airports. Because the DNL metric correlates well with the degree of community annoyance from aircraft noise, DNL has been formally adopted by most federal agencies dealing with noise exposure. In addition to the FAA, these agencies include the Environmental Protection Agency (EPA), Department of Defense, Department of Housing and Urban Development, and the Veterans Administration.

The DNL metric is calculated by cumulatively averaging sound levels over a twenty four-hour period. This average cumulative sound exposure includes the application of a 10-decibel penalty to sound exposures occurring during the nighttime hours (10:00 PM to 7:00 AM). Since the ambient, or background, noise levels usually decrease at night the night sound exposures are increased by 10 decibels because nighttime noise is more intrusive.

Figure 5-2 provides examples of typical DNL levels in various environments.

The FAA considers the 65 DNL contour line as the threshold of significance for noise impact. As such, sensitive land use areas (e.g., residential) around airports that are located in the 65 or greater DNL contours are considered by the FAA as incompatible structures.

5.1.1.3 Integrated Noise Model (INM)

The Federal Aviation Administration's (FAA) Office of Environment and Energy (AEE-100) has developed the Integrated Noise Model (INM) for evaluating aircraft noise impacts in the vicinity of airports. INM has many analytical uses, such as assessing changes in noise impact resulting from new or extended runways or runway configurations and evaluating other operational procedures. The INM has been the FAA's standard tool since 1978 for determining the predicted noise impact in the vicinity of airports. Statutory requirements for INM use are defined in FAA Order 1050.1, *"Environmental Impacts: Polices and Procedures"* and FAA Order 5050.4, *"National Environmental Policy Act (NEPA) Implementing Instructions for Airport Actions,"* and Federal Aviation Regulations (FAR) Part 150, *"Airport Noise Compatibility Planning."*

The model utilizes flight track information, runway use information, operation time of day data, aircraft fleet mix, standard and user defined aircraft profiles, and terrain as inputs. The INM model produces DNL noise exposure contours that are used for land use compatibility maps. The INM program includes built in tools for comparing contours and utilities that facilitate easy export to commercial Geographic Information Systems. The model also calculates predicted noise at specific sites such as hospitals, schools or other sensitive locations. For these grid points, the model reports detailed information for the analyst to determine which events contribute most significantly to the noise at that location. The model supports 16 predefined noise metrics that include cumulative sound exposure, maximum sound level and time-above metrics from both the A-Weighted, C-Weighted and the Effective Perceived Noise Level families.

The INM aircraft profile and noise calculation algorithms are based on several guidance documents published by the Society of Automotive Engineers (SAE). These include the SAE-AIR-1845 report titled *"Procedure for the Calculation of Airplane Noise in the Vicinity of Airports,"* as well as others which address atmospheric

absorption and noise attenuation. The INM is an average-value-model and is designed to estimate long-term average effects using average annual input conditions. Because of this, differences between predicted and measured values can occur because certain local acoustical variables are not averaged, or because they may not be explicitly modeled in INM. Examples of detailed local acoustical variables include temperature profiles, wind gradients, humidity effects, ground absorption, individual aircraft directivity patterns and sound diffraction terrain, buildings, barriers, etc.

As detailed previously, INM considers multiple airport and aircraft operational and noise propagation variables. The primary inputs into the model include aircraft activity levels, fleet mix, day/night split of operations, flight tracks and runway use.

5.1.2 Noise Contour Development

The noise contours presented in this document were developed using INM Version 7.0a. The contours represent predicted levels, or noise contours, of equal aircraft noise exposure on the ground as expressed in DNL. The FAA currently suggests that three different DNL levels (65, 70, and 75 DNL) be modeled. The Metropolitan Council suggests that the 60 DNL contour be included for airports in an urban environment and the 55 DNL in cases where airports are located outside the Metropolitan Urban Service Area (MUSA).

The Metropolitan Airports Commission (MAC) owns and operates an Airport Noise and Operations Monitoring System (ANOMS) at Minneapolis/St. Paul International Airport (MSP). In addition to monitoring noise levels at 39 noise monitoring poles located around MSP, the system receives flight track data from the FAA radar located at MSP. The flight track data extends to approximately 40 miles around MSP. St. Paul Downtown Airport is located approximately 7.5 miles from MSP. As such, radar flight track data in the vicinity of St. Paul Downtown Airport was provided by ANOMS to aid in the INM input file development process. ANOMS flight track data from 2007 was utilized in the development of the 2007 Baseline INM Inputs. Due to the distance and geography between the FAA radar at MSP and operations in the vicinity of St. Paul Downtown Airport, data acquisition/availability is reduced. However, for 2007 ANOMS reported 29,400 operations in the vicinity of St. Paul Downtown Airport. This provided an adequate data sample for purposes of contributing to the construction of the INM input variables.

The following details the methodology utilized in developing the data inputs for the INM contour modeling.

5.1.2.1 Aircraft Activity Levels

The total number of St. Paul Downtown Airport operations in 2007 was 125,254. As detailed in Chapter 2 the total number of 2007 operations was developed based on the Federal Aviation Administration's (FAA) control tower counts at the St. Paul Downtown Airport. Supplemental ANOMS operations data was used to account for operations during the non-tower hours.

The 2025 preferred alternative forecast number of total operations at St. Paul Downtown Airport is 137,310. The assumptions that were factored in the determination of the 2025 forecasted operations are detailed in Chapter 2 and Appendix A.

5.1.2.2 Fleet Mix

Using the ANOMS flight track data available in the vicinity of St. Paul Downtown Airport for 2007, various data processing steps were taken to develop an actual 2007 fleet mix. The flight track analysis process began by first excluding all MSP carrier jet flight tracks. Then all flight tracks with a start point or end point that did not fall within a 10km radius and 1km (above ground level) ceiling around St. Paul Downtown Airport were filtered out of the data. If the starting point of a track was within the radius/ceiling criteria around St. Paul Downtown Airport it was considered a departure operation. If the endpoint of a track was within the radius/ceiling criteria around St. Paul Downtown Airport it was considered an arrival operation.

The aircraft type distribution derived from the ANOMS flight track analysis was then applied to the 2007 total number of operations to develop the baseline 2007 fleet mix as detailed in Table 5-1.

The 2025 forecast fleet mix at St. Paul Downtown Airport is provided in Table 5-2. The assumptions that were factored in the determination of the 2025 fleet mix are detailed in Chapter 2 and Appendix A.

5.1.2.3 Day/Night Split of Operations

Based on the ANOMS flight track fleet mix data sample for St. Paul Downtown Airport the split of day and nighttime operations was determined. The daytime hours are defined as 7:00 a.m. to 10:00 p.m. and nighttime hours are 10:00 p.m. to 7:00 a.m.

The day/night operations distribution derived from the ANOMS flight track analysis was then applied to the 2007 total number of operations to develop the baseline 2007 day/night split as detailed in Table 5-1.

The 2025 forecast day/night operations at St. Paul Downtown Airport are provided in Table 5-2.

5.1.2.4 Flight Tracks

The Baseline 2007 INM flight track locations were developed based on the flight track trends established by the ANOMS flight tracks that met the fleet mix data sample criteria for St. Paul Downtown Airport. The 2007 INM flight tracks are provided in Figures 5-3(a-i) and the 2007 flight track use is detailed in Tables 5-3(a-d).

The 2025 INM flight tracks are provided in Figures 5-4(a-i) and the 2025 flight track use is detailed in Table 5-4(a-d).

5.1.2.5 Runway Use

Using the St. Paul Downtown Airport fleet mix ANOMS flight track data set, a runway use analysis was conducted. The analysis first included the development of trapezoids off the end of each runway to determine which runway a flight track was operating on. Each trapezoid ran along the axis of the centerline beginning at the runway endpoint and extending 3km from runway end. The trapezoid was 0.1km wide at the runway end point and 1km wide at the extent furthest from the runway end. For the purpose of the runway use analysis the last five, or first five, radar points of each track in the vicinity of St. Paul Downtown Airport were analyzed relative to the runway trapezoids.

In cases where the last five radar points of a track were in the vicinity of St. Paul Downtown Airport, if any one of the radar points were located within a respective runway trapezoid, the track was assigned as an arrival operation on that runway. Conversely, in cases where the first five radar points were in the vicinity of St. Paul Downtown Airport, if any one of the radar points were located within a respective runway trapezoid, the track was assigned as a departure operation on that runway. An operation was considered a “touch & go” if the track was assigned both an arrival and departure at the airport. The resultant runway use trends were then analyzed and adjusted relative to wind pattern data around St. Paul Downtown Airport.

The 2007 runway use derived from the ANOMS flight track analysis is detailed in Table 5-5.

The 2025 forecast runway use at St. Paul Downtown Airport is provided in Table 5-6.

Table 5-1
St. Paul Downtown Airport Year 2007 Average Daily Flight Operations

Aircraft Group	Aircraft Type	Identifier	INM/ANOMS Group	Arrivals			Departures			Touch and Gos			Total Operations		
				Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total
Jets	Canadair Challenger CL-600	CL600	3	0.55	0.01	0.56	0.57	0.01	0.58	0.00	0.00	0.00	1.12	0.02	1.14
	Canadair Challenger CL-601	CL601	3	0.16	0.01	0.17	0.18	0.00	0.19	0.00	0.00	0.00	0.35	0.01	0.36
	Cessna 501 Citation I	CNA501	3	0.15	0.00	0.15	0.14	0.00	0.14	0.00	0.00	0.00	0.28	0.01	0.29
	Cessna Mustang 510 (VLJ)	CNA510	3	0.03	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.00	0.06	0.00	0.06
	Cessna 551 Citation II	CNA551	3	0.02	0.00	0.02	0.01	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.04
	Cessna 560 Citation V	CNA560	3	2.79	0.09	2.88	2.62	0.18	2.80	0.00	0.00	0.00	5.41	0.27	5.68
	Cessna 650 Citation VII	CNA650	3	1.17	0.04	1.21	1.10	0.12	1.22	0.00	0.00	0.00	2.27	0.16	2.43
	Cessna 750 Citation X	CNA750	3	0.59	0.02	0.62	0.59	0.02	0.61	0.00	0.00	0.00	1.19	0.05	1.23
	Cessna Citation 500	CNA500	3	0.17	0.00	0.17	0.14	0.01	0.15	0.00	0.00	0.00	0.31	0.01	0.32
	Cessna Citation 525	CNA525	3	0.99	0.02	1.00	0.91	0.04	0.94	0.00	0.00	0.00	1.89	0.06	1.95
	Cessna Citation 550	CNA550	3	1.33	0.12	1.45	1.40	0.09	1.49	0.00	0.00	0.00	2.73	0.21	2.94
	Cessna Citation 550 Bravo	CNA55B	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dassault Falcon 10	FAL10	3	0.39	0.02	0.42	0.36	0.02	0.39	0.00	0.00	0.00	0.75	0.05	0.80
	Dassault Falcon 200	FAL200	3	1.20	0.09	1.29	1.18	0.06	1.24	0.00	0.00	0.00	2.38	0.15	2.53
	Dassault Falcon 2000	FAL20A	3	0.78	0.03	0.81	0.80	0.02	0.82	0.00	0.00	0.00	1.58	0.06	1.63
	Gulfstream I	GULF1	2	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.02
	Gulfstream II	GII	2	0.87	0.01	0.88	0.82	0.03	0.85	0.00	0.00	0.00	1.69	0.05	1.74
	Gulfstream III	GULF3	2	0.15	0.00	0.15	0.16	0.00	0.16	0.00	0.00	0.00	0.31	0.00	0.31
	Gulfstream IV	GIV	3	0.62	0.02	0.64	0.60	0.01	0.61	0.00	0.00	0.00	1.21	0.03	1.25
	Gulfstream V	GV	3	1.67	0.08	1.75	1.55	0.12	1.68	0.00	0.00	0.00	3.22	0.20	3.42
	Hawker 125 Jet	HS125	3	0.99	0.03	1.03	1.03	0.04	1.07	0.00	0.00	0.00	2.02	0.07	2.09
	IAI 1124 Westwind	IA1124	3	0.11	0.00	0.11	0.12	0.00	0.12	0.00	0.00	0.00	0.23	0.00	0.23
	IAI 1125 Westwind	IA1125	3	0.09	0.01	0.10	0.11	0.00	0.11	0.00	0.00	0.00	0.20	0.01	0.20
	Learjet 24	LEAR24	2	0.01	0.00	0.01	0.02	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.03
	Learjet 25	LEAR25	2	0.05	0.00	0.05	0.04	0.01	0.04	0.00	0.00	0.00	0.09	0.01	0.10
	Learjet 31	LEAR31	3	0.23	0.01	0.24	0.23	0.01	0.24	0.00	0.00	0.00	0.47	0.02	0.48
	Learjet 35	LEAR35	3	2.09	1.02	3.11	2.68	0.74	3.42	0.00	0.00	0.00	4.77	1.76	6.53
	Learjet 45	LEAR45	3	2.18	0.04	2.22	2.08	0.12	2.20	0.00	0.00	0.00	4.26	0.17	4.42
	Learjet 55	LEAR55	3	0.11	0.00	0.11	0.11	0.00	0.12	0.00	0.00	0.00	0.23	0.00	0.23
	Learjet 60	LEAR60	3	0.15	0.01	0.16	0.15	0.01	0.16	0.00	0.00	0.00	0.31	0.01	0.32
	Mitsubishi Diamond MU-300	MU300	3	0.03	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.00	0.06	0.00	0.06
	Raytheon Beechjet 400	BEC400	3	1.12	0.02	1.14	1.03	0.05	1.08	0.00	0.00	0.00	2.15	0.07	2.22
	Saberliner 65	SABR65	3	0.02	0.00	0.02	0.02	0.00	0.03	0.00	0.00	0.00	0.05	0.00	0.05
	Sabreliner 75	SABR75	3	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01
	Subtotal			*20.83*	*1.73*	*22.56*	*20.83*	*1.73*	*22.56*	*0.00*	*0.00*	*0.00*	*41.67*	*3.45*	*45.12*
Helicopters	Agusta 109	A109	H	2.94	0.16	3.10	2.97	0.20	3.17	0.64	0.01	0.66	6.55	0.37	6.92
	Bell 206	B206L	H	10.76	1.13	11.89	11.18	1.07	12.25	21.88	0.81	22.69	43.82	3.01	46.83
	Bell 212 Huey	B212	H	0.16	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.16
	Bell 222	B222	H	1.68	0.06	1.74	1.63	0.09	1.72	0.46	0.02	0.48	3.77	0.18	3.94
	Eurocopter BK-117	EC130	H	0.97	0.12	1.10	1.01	0.12	1.13	1.18	0.02	1.20	3.16	0.27	3.43
	Hughes 500D	H500D	H	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03
	Robinson R22B	R22	H	0.07	0.00	0.07	0.02	0.00	0.02	0.00	0.00	0.00	0.10	0.00	0.10
	Sikorsky S-70 Blackhawk	S70	H	1.33	0.01	1.34	1.12	0.01	1.12	0.51	0.00	0.51	2.95	0.01	2.96
	Subtotal			*17.94*	*1.49*	*19.42*	*17.94*	*1.49*	*19.42*	*24.67*	*0.87*	*25.53*	*60.54*	*3.84*	*64.38*
Multi-Engine Piston	Beechcraft Baron BE-55	BEC55	P	0.88	0.00	0.88	0.84	0.01	0.85	2.16	0.00	2.16	3.88	0.01	3.89
	Beechcraft Baron BE-58	BEC58	P	2.38	0.01	2.39	2.58	0.04	2.63	3.74	0.00	3.74	8.70	0.06	8.76
	Beechcraft Baron BE-58P	BEC58P	P	0.69	1.42	2.11	0.75	0.95	1.70	0.66	0.56	1.22	2.09	2.94	5.03
	Beechcraft Duchess Twin	BEC76	P	0.11	0.00	0.11	0.08	0.00	0.08	0.00	0.00	0.00	0.19	0.00	0.19
	Beechcraft Duke Twin	BEC60	P	0.11	0.01	0.12	0.18	0.00	0.18	0.00	0.00	0.00	0.29	0.01	0.30
	Beechcraft Queen Air 80	BEC80	P	0.40	0.00	0.40	0.59	0.01	0.60	0.23	0.00	0.23	1.21	0.01	1.22
	Beechcraft Travel Air	BEC95	P	0.07	0.00	0.07	0.04	0.00	0.04	0.00	0.00	0.00	0.11	0.00	0.11
	Cessna 310	CNA310	P	1.08	0.01	1.09	1.23	0.03	1.26	0.33	0.00	0.33	2.63	0.04	2.67
	Cessna 335	CNA335	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Cessna 337 Super Skymaster	CNA337	P	0.05	0.00	0.05	0.02	0.00	0.02	0.00	0.00	0.00	0.07	0.00	0.07
	Cessna 340	CNA340	P	1.58	0.00	1.58	1.83	0.01	1.84	0.73	0.00	0.73	4.13	0.02	4.15
	Cessna 401	CNA401	P	0.06	0.00	0.06	0.07	0.00	0.07	0.00	0.00	0.00	0.13	0.00	0.13
	Cessna 402	CNA402	P	1.77	0.00	1.77	0.11	0.31	0.42	0.33	0.00	0.33	2.21	0.31	2.52

Table 5-1
St. Paul Downtown Airport Year 2007 Average Daily Flight Operations

Aircraft Group	Aircraft Type	Identifier	INM/ANOMS Group	Arrivals			Departures			Touch and Gos			Total Operations		
				Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total
	Cessna 404 Titan	CNA404	P	0.01	0.00	0.01	0.02	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.04
	Cessna 414 Chancellor	CNA414	P	1.56	0.13	1.69	2.03	0.06	2.10	1.05	0.00	1.05	4.64	0.20	4.84
	Cessna 421 Golden Eagle	CNA421	P	0.53	0.00	0.53	0.70	0.01	0.71	0.00	0.00	0.00	1.23	0.02	1.24
	Cessna Crusader 303	CNA303	P	0.03	0.00	0.03	0.02	0.00	0.02	0.00	0.00	0.00	0.05	0.00	0.05
	Piper Aerostar 600/700	PA60	P	0.21	0.01	0.22	0.18	0.01	0.18	0.00	0.00	0.00	0.38	0.02	0.40
	Piper Apache	PA23AP	P	0.09	0.00	0.09	0.06	0.00	0.06	0.00	0.00	0.00	0.15	0.00	0.15
	Piper Aztec	PA23AZ	P	0.26	0.00	0.26	0.44	0.00	0.44	1.05	0.00	1.05	1.75	0.00	1.75
	Piper Navajo Chieftain	PA31	P	3.32	0.04	3.36	2.66	0.19	2.85	4.41	0.00	4.41	10.40	0.23	10.62
	Piper Seminole	PA44	P	0.72	0.00	0.72	1.03	0.00	1.03	0.39	0.00	0.39	2.15	0.00	2.15
	Piper Seneca	PA34	P	3.90	0.01	3.91	4.36	0.01	4.38	0.98	0.00	0.98	9.24	0.02	9.27
	Piper Twin Comanche	PA30	P	0.09	0.00	0.09	0.08	0.00	0.08	0.00	0.00	0.00	0.17	0.00	0.17
	Swearingen Merlin IV	SAMER4	P	0.17	0.01	0.18	0.17	0.00	0.18	0.00	0.00	0.00	0.34	0.01	0.35
	Subtotal			*20.08*	*1.66*	*21.74*	*20.08*	*1.66*	*21.74*	*16.06*	*0.56*	*16.62*	*56.21*	*3.89*	*60.10*
Single-Engine Piston	Beechcraft F33A Bonanza	BEC33	P	5.74	0.42	6.16	5.34	0.86	6.20	3.48	0.00	3.48	14.56	1.28	15.84
	Beechcraft Sport	BEC24	P	0.25	0.00	0.25	1.40	0.00	1.40	2.09	0.00	2.09	3.74	0.00	3.74
	Bellanca Cruisair	BL14	P	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03
	Bellanca Super Viking	BL26	P	0.20	0.00	0.20	0.15	0.00	0.15	0.00	0.00	0.00	0.35	0.00	0.35
	Cessna 150	CNA150	P	0.35	0.00	0.35	0.58	0.10	0.67	0.00	0.00	0.00	0.93	0.10	1.02
	Cessna 152	CNA152	P	0.05	0.00	0.05	0.05	0.00	0.05	0.00	0.00	0.00	0.09	0.00	0.09
	Cessna 170	CNA170	P	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03
	Cessna 205 Super Skywagon	CNA205	P	0.08	0.00	0.08	0.03	0.00	0.03	0.00	0.00	0.00	0.11	0.00	0.11
	Cessna 206H	CNA206	P	1.71	0.00	1.71	1.63	0.10	1.73	3.36	0.00	3.36	6.70	0.10	6.80
	Cessna 207	CNA207	P	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03
	Cessna Cardinal 177	CNA177	P	0.16	0.00	0.16	0.31	0.00	0.31	0.00	0.00	0.00	0.46	0.00	0.46
	Cessna Centurion 210	CNA210	P	1.53	0.00	1.53	0.94	0.00	0.94	0.52	0.00	0.52	2.99	0.00	2.99
	Cessna Skyhawk 172	CNA172	P	6.04	0.28	6.32	7.14	0.30	7.44	30.14	0.12	30.26	43.32	0.70	44.02
	Cessna Skylane 182	CNA182	P	3.46	0.42	3.88	2.21	0.23	2.44	4.34	0.18	4.52	10.02	0.82	10.84
	Cessna Skywagon 180	CNA180	P	0.38	0.18	0.56	0.13	0.00	0.13	0.00	0.00	0.00	0.51	0.18	0.68
	Cessna Skywagon 185	CNA185	P	0.11	0.00	0.11	0.04	0.00	0.04	0.43	0.00	0.43	0.58	0.00	0.58
	De Havilland DHC-2 Beaver	DHC2	P	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.08
	GA Single-Engine Prop Fixed	GASEPF	P	5.24	0.81	6.05	5.29	0.32	5.60	9.53	0.00	9.53	20.06	1.13	21.19
	GA Single-Engine Prop Variable	GASEPV	P	3.35	0.49	3.84	3.87	0.51	4.37	2.33	1.94	4.27	9.54	2.94	12.48
	Grumman American	AA5A	P	0.08	0.00	0.08	0.03	0.00	0.03	0.00	0.00	0.00	0.11	0.00	0.11
	Mooney M20J	M20J	P	2.75	0.09	2.84	2.50	0.10	2.59	3.19	0.00	3.19	8.44	0.18	8.63
	Piper Cherokee 140	PA28CH	P	1.95	0.08	2.03	1.41	0.12	1.52	1.38	0.00	1.38	4.73	0.20	4.93
	Piper Cherokee Arrow II	PA28CA	P	0.57	0.11	0.68	0.56	0.00	0.56	0.43	0.00	0.43	1.56	0.11	1.67
	Piper Cherokee Six	PA32C6	P	1.22	0.00	1.22	1.16	0.20	1.36	1.20	0.00	1.20	3.58	0.20	3.78
	Piper Comanche	PA24	P	0.72	0.11	0.83	0.63	0.10	0.72	0.00	0.00	0.00	1.35	0.21	1.56
	Piper Dakota	PA28DK	P	0.19	0.00	0.19	0.48	0.00	0.48	0.43	0.00	0.43	1.10	0.00	1.10
	Piper Lance	PA32LA	P	0.43	0.20	0.63	0.51	0.29	0.79	0.00	0.00	0.00	0.93	0.49	1.42
	Piper Malibu	PA46	P	0.94	0.00	0.94	0.99	0.00	0.99	0.52	0.00	0.52	2.45	0.00	2.45
	Piper Pawnee	PA25	P	0.00	0.00	0.00	0.25	0.00	0.25	0.00	0.00	0.00	0.25	0.00	0.25
	Piper Warrior	PA28		0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Piper Warrior II	PA28WA	P	1.96	0.11	2.07	2.10	0.10	2.19	0.43	0.00	0.43	4.49	0.21	4.69
	Rockwell Aero Commander 112	RWCM12	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Siai-Marchetti SF260M	SF260M	P	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03
	Subtotal			*39.69*	*3.29*	*42.98*	*39.69*	*3.29*	*42.98*	*63.81*	*2.24*	*66.05*	*143.19*	*8.82*	*152.02*
Turboprops	Avions ATR-42	ATR42	T	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
	Beechcraft 1900	BEC190	T	0.09	0.01	0.09	0.07	0.01	0.07	0.00	0.00	0.00	0.15	0.01	0.16
	Beechcraft 99	BEC99	T	0.30	0.12	0.42	0.54	0.01	0.55	0.00	0.00	0.00	0.84	0.13	0.97
	Beechcraft King Air 100	BEC100	T	0.12	0.00	0.12	0.16	0.01	0.17	0.00	0.00	0.00	0.28	0.01	0.29
	Beechcraft King Air 200	BEC200	T	5.50	0.29	5.79	4.99	0.43	5.42	0.00	0.00	0.00	10.49	0.72	11.21
	Beechcraft King Air 300	BEC300	T	0.13	0.00	0.13	0.14	0.00	0.14	0.00	0.00	0.00	0.27	0.00	0.27
	Beechcraft King Air 350	BEC30B	T	0.22	0.01	0.23	0.24	0.00	0.25	0.00	0.00	0.00	0.47	0.01	0.48
	Beechcraft King Air C90	BEC90	T	2.09	0.09	2.18	1.92	0.09	2.00	0.00	0.00	0.00	4.00	0.18	4.18
	Cessna 208	CNA208	T	0.77	0.23	1.00	1.25	0.21	1.47	0.00	0.00	0.00	2.02	0.44	2.47
	Cessna 425 Corsair	CNA425	T	0.17	0.00	0.17	0.15	0.00	0.15	0.00	0.00	0.00	0.32	0.00	0.32

Table 5-1
St. Paul Downtown Airport Year 2007 Average Daily Flight Operations

Aircraft Group	Aircraft Type	Identifier	INM/ANOMS Group	Arrivals			Departures			Touch and Gos			Total Operations		
				Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total
	Cessna Conquest II	CNA441	T	0.10	0.00	0.10	0.09	0.00	0.09	0.00	0.00	0.00	0.19	0.00	0.19
	Embraer EMB-110	EMB110	T	0.01	0.00	0.02	0.02	0.01	0.03	0.00	0.00	0.00	0.03	0.01	0.04
	Lockheed Orion	P3A	T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
	Mitsubishi MU-2	MU2	T	0.07	0.06	0.13	0.06	0.05	0.11	0.00	0.00	0.00	0.13	0.12	0.25
	Piper Cheyenne	PA31T	T	0.17	0.00	0.18	0.18	0.00	0.18	0.00	0.00	0.00	0.35	0.01	0.36
	Piper Cheyenne III	PA42	T	0.06	0.00	0.06	0.06	0.00	0.06	0.00	0.00	0.00	0.11	0.00	0.12
	Rockwell Turbo Commander 690	RWCM69	T	0.09	0.00	0.09	0.04	0.00	0.04	0.00	0.00	0.00	0.13	0.00	0.13
	Shorts SD330	SD330	T	0.02	0.00	0.02	0.03	0.00	0.03	0.00	0.00	0.00	0.06	0.00	0.06
	Swearingen Merlin II	SAMER2	T	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.02
	Swearingen Merlin III	SAMER3	T	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
	Subtotal			*9.95*	*0.82*	*10.77*	*9.95*	*0.82*	*10.77*	*0.00*	*0.00*	*0.00*	*19.90*	*1.65*	*21.55*
Total				**108.49**	**8.99**	**117.48**	**108.49**	**8.99**	**117.48**	**104.53**	**3.67**	**108.20**	**321.51**	**21.66**	**343.16**

Source: MAC ANOMS Analysis, 2009.

Table 5-2
St. Paul Downtown Airport Year 2025 Average Daily Flight Operations

		INM/ANOMS		Arrivals			Departures			Touch and Gos			Total Operations		
Aircraft Group	Aircraft Type	Group	Identifier	Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total
Jets	Canadair Challenger CL-600	CL600	3	0.94	0.02	0.96	0.98	0.02	0.99	0.00	0.00	0.00	1.92	0.04	1.95
	Canadair Challenger CL-601	CL601	3	0.28	0.01	0.29	0.32	0.01	0.32	0.00	0.00	0.00	0.60	0.02	0.62
	Cessna 501 Citation I	CNA501	3	0.25	0.00	0.26	0.23	0.01	0.24	0.00	0.00	0.00	0.49	0.01	0.49
	Cessna Mustang 510 (VLJ)	CNA510	3	18.98	1.57	20.55	18.98	1.57	20.55	0.00	0.00	0.00	37.95	3.15	41.10
	Cessna 551 Citation II	CNA551	3	0.04	0.00	0.04	0.02	0.01	0.03	0.00	0.00	0.00	0.06	0.01	0.07
	Cessna 560 Citation V	CNA560	3	4.79	0.15	4.94	4.50	0.31	4.81	0.00	0.00	0.00	9.29	0.46	9.75
	Cessna 650 Citation VII	CNA650	3	2.01	0.07	2.08	1.89	0.20	2.10	0.00	0.00	0.00	3.90	0.27	4.17
	Cessna 750 Citation X	CNA750	3	1.02	0.04	1.06	1.02	0.04	1.05	0.00	0.00	0.00	2.04	0.08	2.12
	Cessna Citation 500	CNA500	3	0.29	0.00	0.30	0.25	0.01	0.25	0.00	0.00	0.00	0.54	0.01	0.55
	Cessna Citation 525	CNA525	3	1.69	0.03	1.72	1.55	0.07	1.62	0.00	0.00	0.00	3.25	0.09	3.34
	Cessna Citation 550	CNA550	3	2.28	0.21	2.49	2.41	0.15	2.56	0.00	0.00	0.00	4.69	0.36	5.05
	Cessna Citation 550 Bravo	CNA55B	3	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01
	Dassault Falcon 10	FAL10	3	0.67	0.04	0.71	0.62	0.04	0.66	0.00	0.00	0.00	1.29	0.08	1.38
	Dassault Falcon 200	FAL200	3	2.06	0.16	2.22	2.03	0.10	2.13	0.00	0.00	0.00	4.09	0.25	4.35
	Dassault Falcon 2000	FAL20A	3	1.34	0.06	1.40	1.37	0.04	1.41	0.00	0.00	0.00	2.71	0.09	2.81
	Gulfstream I	GULF1	2	0.02	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.04
	Gulfstream II	GII	2	1.49	0.02	1.52	1.41	0.06	1.47	0.00	0.00	0.00	2.90	0.08	2.98
	Gulfstream III	GULF3	2	0.26	0.00	0.26	0.27	0.00	0.27	0.00	0.00	0.00	0.52	0.00	0.53
	Gulfstream IV	GIV	3	1.06	0.03	1.09	1.03	0.03	1.05	0.00	0.00	0.00	2.09	0.06	2.15
	Gulfstream V	GV	3	2.86	0.14	3.00	2.67	0.21	2.88	0.00	0.00	0.00	5.53	0.35	5.88
	Hawker 125 Jet	HS125	3	1.71	0.06	1.77	1.76	0.07	1.83	0.00	0.00	0.00	3.47	0.12	3.60
	IAI 1124 Westwind	IA1124	3	0.19	0.00	0.19	0.21	0.00	0.21	0.00	0.00	0.00	0.40	0.00	0.40
	IAI 1125 Westwind	IA1125	3	0.16	0.01	0.17	0.18	0.00	0.18	0.00	0.00	0.00	0.34	0.01	0.35
	Learjet 24	LEAR24	2	0.02	0.00	0.02	0.03	0.00	0.03	0.00	0.00	0.00	0.05	0.00	0.05
	Learjet 25	LEAR25	2	0.09	0.01	0.09	0.06	0.01	0.08	0.00	0.00	0.00	0.15	0.02	0.17
	Learjet 31	LEAR31	3	0.40	0.02	0.42	0.40	0.02	0.41	0.00	0.00	0.00	0.80	0.03	0.83
	Learjet 35	LEAR35	3	3.59	1.75	5.34	4.59	1.28	5.87	0.00	0.00	0.00	8.18	3.03	11.21
	Learjet 45	LEAR45	3	3.74	0.08	3.81	3.57	0.21	3.78	0.00	0.00	0.00	7.31	0.28	7.59
	Learjet 55	LEAR55	3	0.19	0.00	0.20	0.20	0.00	0.20	0.00	0.00	0.00	0.39	0.01	0.40
	Learjet 60	LEAR60	3	0.27	0.01	0.28	0.26	0.01	0.27	0.00	0.00	0.00	0.52	0.02	0.55
	Mitsubishi Diamond MU-300	MU300	3	0.05	0.00	0.05	0.05	0.00	0.05	0.00	0.00	0.00	0.10	0.00	0.10
	Raytheon Beechjet 400	BEC400	3	1.92	0.03	1.95	1.77	0.08	1.85	0.00	0.00	0.00	3.69	0.11	3.81
	Saberliner 65	SABR65	3	0.04	0.00	0.04	0.04	0.01	0.05	0.00	0.00	0.00	0.08	0.01	0.09
	Sabreliner 75	SABR75	3	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.02
	Subtotal			*54.70*	*4.53*	*59.24*	*54.70*	*4.53*	*59.24*	*0.00*	*0.00*	*0.00*	*109.41*	*9.07*	*118.47*
Helicopters	Agusta 109	A109	H	3.86	0.21	4.08	3.91	0.26	4.16	0.81	0.02	0.83	8.58	0.49	9.07
	Bell 206	B206L	H	14.14	1.49	15.63	14.71	1.40	16.11	27.71	1.03	28.75	56.57	3.92	60.49
	Bell 212 Huey	B212	H	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.21
	Bell 222	B222	H	2.21	0.08	2.29	2.14	0.12	2.27	0.58	0.02	0.60	4.93	0.23	5.16
	Eurocopter BK-117	EC130	H	1.28	0.16	1.44	1.33	0.16	1.49	1.49	0.03	1.52	4.10	0.35	4.45
	Hughes 500D	H500D	H	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
	Robinson R22B	R22	H	0.10	0.00	0.10	0.03	0.00	0.03	0.00	0.00	0.00	0.13	0.00	0.13
	Sikorsky S-70 Blackhawk	S70	H	1.75	0.01	1.76	1.47	0.01	1.47	0.64	0.00	0.64	3.86	0.01	3.87
	Subtotal			*23.58*	*1.96*	*25.54*	*23.58*	*1.96*	*25.54*	*31.24*	*1.10*	*32.34*	*78.41*	*5.01*	*83.42*
Multi-Engine Piston	Beechcraft Baron BE-55	BEC55	P	0.68	0.00	0.68	0.65	0.01	0.66	1.69	0.00	1.69	3.02	0.01	3.03
	Beechcraft Baron BE-58	BEC58	P	1.84	0.01	1.85	2.00	0.03	2.03	2.93	0.00	2.93	6.76	0.04	6.81
	Beechcraft Baron BE-58P	BEC58P	P	0.53	1.10	1.63	0.58	0.74	1.31	0.51	0.44	0.95	1.62	2.28	3.90
	Beechcraft Duchess Twin	BEC76	P	0.09	0.00	0.09	0.06	0.00	0.06	0.00	0.00	0.00	0.15	0.00	0.15
	Beechcraft Duke Twin	BEC60	P	0.08	0.01	0.09	0.14	0.00	0.14	0.00	0.00	0.00	0.22	0.01	0.23
	Beechcraft Queen Air 80	BEC80	P	0.31	0.00	0.31	0.46	0.01	0.46	0.18	0.00	0.18	0.94	0.01	0.95
	Beechcraft Travel Air	BEC95	P	0.05	0.00	0.05	0.03	0.00	0.03	0.00	0.00	0.00	0.09	0.00	0.09
	Cessna 310	CNA310	P	0.83	0.01	0.84	0.95	0.02	0.97	0.26	0.00	0.26	2.04	0.03	2.07
	Cessna 335	CNA335	P	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
	Cessna 337 Super Skymaster	CNA337	P	0.04	0.00	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.06	0.00	0.06

Table 5-2
St. Paul Downtown Airport Year 2025 Average Daily Flight Operations

Aircraft Group	Aircraft Type	INM/ANOMS Group	Identifier	Arrivals			Departures			Touch and Gos			Total Operations		
				Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total
	Cessna 340	CNA340	P	1.22	0.00	1.22	1.41	0.01	1.42	0.57	0.00	0.57	3.20	0.01	3.21
	Cessna 401	CNA401	P	0.05	0.00	0.05	0.05	0.00	0.05	0.00	0.00	0.00	0.10	0.00	0.10
	Cessna 402	CNA402	P	1.37	0.00	1.37	0.09	0.24	0.33	0.26	0.00	0.26	1.71	0.24	1.95
	Cessna 404 Titan	CNA404	P	0.01	0.00	0.01	0.02	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.03
	Cessna 414 Chancellor	CNA414	P	1.21	0.10	1.31	1.57	0.05	1.62	0.82	0.00	0.82	3.60	0.15	3.75
	Cessna 421 Golden Eagle	CNA421	P	0.41	0.00	0.41	0.54	0.01	0.55	0.00	0.00	0.00	0.95	0.01	0.96
	Cessna Crusader 303	CNA303	P	0.02	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.04	0.00	0.04
	Piper Aerostar 600/700	PA60	P	0.16	0.01	0.17	0.14	0.01	0.14	0.00	0.00	0.00	0.30	0.01	0.31
	Piper Apache	PA23AP	P	0.07	0.00	0.07	0.04	0.00	0.05	0.00	0.00	0.00	0.11	0.00	0.12
	Piper Aztec	PA23AZ	P	0.20	0.00	0.20	0.34	0.00	0.34	0.82	0.00	0.82	1.36	0.00	1.36
	Piper Navajo Chieftain	PA31	P	2.57	0.03	2.60	2.06	0.15	2.20	3.45	0.00	3.45	8.08	0.18	8.25
	Piper Seminole	PA44	P	0.56	0.00	0.56	0.80	0.00	0.80	0.31	0.00	0.31	1.67	0.00	1.67
	Piper Seneca	PA34	P	3.01	0.01	3.02	3.38	0.01	3.39	0.77	0.00	0.77	7.16	0.02	7.17
	Piper Twin Comanche	PA30	P	0.07	0.00	0.07	0.06	0.00	0.06	0.00	0.00	0.00	0.13	0.00	0.13
	Swearingen Merlin IV	SAMER4	P	0.13	0.01	0.14	0.13	0.00	0.14	0.00	0.00	0.00	0.26	0.01	0.27
	Subtotal			*15.53*	*1.29*	*16.81*	*15.53*	*1.29*	*16.81*	*12.56*	*0.44*	*13.00*	*43.61*	*3.02*	*46.63*
Single-Engine Piston	Beechcraft F33A Bonanza	BEC33	P	4.07	0.30	4.37	3.79	0.61	4.40	2.47	0.00	2.47	10.33	0.91	11.24
	Beechcraft Sport	BEC24	P	0.18	0.00	0.18	0.99	0.00	0.99	1.48	0.00	1.48	2.65	0.00	2.65
	Bellanca Cruisair	BL14	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Bellanca Super Viking	BL26	P	0.14	0.00	0.14	0.11	0.00	0.11	0.00	0.00	0.00	0.25	0.00	0.25
	Cessna 150	CNA150	P	0.25	0.00	0.25	0.41	0.07	0.48	0.00	0.00	0.00	0.66	0.07	0.73
	Cessna 152	CNA152	P	0.03	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.00	0.07	0.00	0.07
	Cessna 170	CNA170	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Cessna 205 Super Skywagon	CNA205	P	0.06	0.00	0.06	0.02	0.00	0.02	0.00	0.00	0.00	0.08	0.00	0.08
	Cessna 206H	CNA206	P	1.21	0.00	1.21	1.16	0.07	1.22	2.39	0.00	2.39	4.76	0.07	4.82
	Cessna 207	CNA207	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Cessna Cardinal 177	CNA177	P	0.11	0.00	0.11	0.22	0.00	0.22	0.00	0.00	0.00	0.33	0.00	0.33
	Cessna Centurion 210	CNA210	P	1.09	0.00	1.09	0.67	0.00	0.67	0.37	0.00	0.37	2.12	0.00	2.12
	Cessna Skyhawk 172	CNA172	P	4.28	0.20	4.48	5.07	0.21	5.28	21.39	0.09	21.47	30.74	0.50	31.23
	Cessna Skylane 182	CNA182	P	2.46	0.29	2.75	1.57	0.16	1.73	3.08	0.13	3.21	7.11	0.58	7.69
	Cessna Skywagon 180	CNA180	P	0.27	0.13	0.39	0.09	0.00	0.09	0.00	0.00	0.00	0.36	0.13	0.49
	Cessna Skywagon 185	CNA185	P	0.08	0.00	0.08	0.03	0.00	0.03	0.31	0.00	0.31	0.41	0.00	0.41
	De Havilland DHC-2 Beaver	DHC2	P	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.06
	GA Single-Engine Prop Fixed	GASEPF	P	3.72	0.58	4.29	3.75	0.23	3.98	6.76	0.00	6.76	14.23	0.80	15.04
	GA Single-Engine Prop Variable	GASEPV	P	2.38	0.35	2.72	2.74	0.36	3.10	1.65	1.38	3.03	6.77	2.08	8.86
	Grumman American	AA5A	P	0.05	0.00	0.05	0.02	0.00	0.02	0.00	0.00	0.00	0.08	0.00	0.08
	Mooney M20J	M20J	P	1.95	0.06	2.02	1.77	0.07	1.84	2.26	0.00	2.26	5.99	0.13	6.12
	Piper Cherokee 140	PA28CH	P	1.38	0.06	1.44	1.00	0.08	1.08	0.98	0.00	0.98	3.36	0.14	3.50
	Piper Cherokee Arrow II	PA28CA	P	0.41	0.07	0.48	0.40	0.00	0.40	0.31	0.00	0.31	1.11	0.07	1.18
	Piper Cherokee Six	PA32C6	P	0.87	0.00	0.87	0.83	0.14	0.97	0.85	0.00	0.85	2.54	0.14	2.68
	Piper Comanche	PA24	P	0.51	0.08	0.59	0.45	0.07	0.51	0.00	0.00	0.00	0.96	0.15	1.10
	Piper Dakota	PA28DK	P	0.13	0.00	0.13	0.34	0.00	0.34	0.31	0.00	0.31	0.78	0.00	0.78
	Piper Lance	PA32LA	P	0.30	0.14	0.44	0.36	0.20	0.56	0.00	0.00	0.00	0.66	0.34	1.01
	Piper Malibu	PA46	P	0.67	0.00	0.67	0.70	0.00	0.70	0.37	0.00	0.37	1.74	0.00	1.74
	Piper Pawnee	PA25	P	0.00	0.00	0.00	0.18	0.00	0.18	0.00	0.00	0.00	0.18	0.00	0.18
	Piper Warrior	PA28	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Piper Warrior II	PA28WA	P	1.39	0.08	1.47	1.49	0.07	1.56	0.31	0.00	0.31	3.18	0.15	3.33
	Rockwell Aero Commander 112	RWCM12	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Siai-Marchetti SF260M	SF260M	P	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
	Subtotal			*28.17*	*2.33*	*30.50*	*28.17*	*2.33*	*30.50*	*45.28*	*1.59*	*46.87*	*101.61*	*6.26*	*107.87*
Turboprops	Avions ATR-42	ATR42	T	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
	Beechcraft 1900	BEC190	T	0.08	0.00	0.08	0.06	0.01	0.07	0.00	0.00	0.00	0.14	0.01	0.15
	Beechcraft 99	BEC99	T	0.28	0.11	0.39	0.50	0.01	0.50	0.00	0.00	0.00	0.77	0.12	0.89
	Beechcraft King Air 100	BEC100	T	0.11	0.00	0.11	0.15	0.01	0.15	0.00	0.00	0.00	0.26	0.01	0.27

Table 5-2
St. Paul Downtown Airport Year 2025 Average Daily Flight Operations

Aircraft Group	Aircraft Type	INM/ANOMS Group	Identifier	Arrivals			Departures			Touch and Gos			Total Operations		
				Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total
	Beechcraft King Air 200	BEC200	T	5.06	0.27	5.32	4.58	0.40	4.98	0.00	0.00	0.00	9.64	0.66	10.30
	Beechcraft King Air 300	BEC300	T	0.12	0.00	0.12	0.13	0.00	0.13	0.00	0.00	0.00	0.25	0.00	0.25
	Beechcraft King Air 350	BEC30B	T	0.21	0.01	0.21	0.22	0.00	0.23	0.00	0.00	0.00	0.43	0.01	0.44
	Beechcraft King Air C90	BEC90	T	1.92	0.08	2.00	1.76	0.08	1.84	0.00	0.00	0.00	3.68	0.16	3.84
	Cessna 208	CNA208	T	0.71	0.21	0.92	1.15	0.20	1.35	0.00	0.00	0.00	1.86	0.41	2.27
	Cessna 425 Corsair	CNA425	T	0.16	0.00	0.16	0.14	0.00	0.14	0.00	0.00	0.00	0.30	0.00	0.30
	Cessna Conquest II	CNA441	T	0.09	0.00	0.09	0.08	0.00	0.08	0.00	0.00	0.00	0.17	0.00	0.18
	Embraer EMB-110	EMB110	T	0.01	0.00	0.01	0.02	0.01	0.02	0.00	0.00	0.00	0.03	0.01	0.04
	Lockheed Orion	P3A	T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
	Mitsubishi MU-2	MU2	T	0.06	0.06	0.12	0.06	0.05	0.10	0.00	0.00	0.00	0.12	0.11	0.23
	Piper Cheyenne	PA31T	T	0.16	0.00	0.16	0.16	0.00	0.17	0.00	0.00	0.00	0.32	0.01	0.33
	Piper Cheyenne III	PA42	T	0.05	0.00	0.05	0.05	0.00	0.05	0.00	0.00	0.00	0.10	0.00	0.11
	Rockwell Turbo Commander 690	RWCM69	T	0.08	0.00	0.08	0.04	0.00	0.04	0.00	0.00	0.00	0.12	0.00	0.12
	Shorts SD330	SD330	T	0.02	0.00	0.02	0.03	0.00	0.03	0.00	0.00	0.00	0.05	0.00	0.05
	Swearingen Merlin II	SAMER2	T	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.02
	Swearingen Merlin III	SAMER3	T	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
	Subtotal			*9.14*	*0.76*	*9.90*	*9.14*	*0.76*	*9.90*	*0.00*	*0.00*	*0.00*	*18.28*	*1.52*	*19.80*
Total				**131.12**	**10.87**	**141.99**	**131.12**	**10.87**	**141.99**	**89.08**	**3.13**	**92.21**	**351.33**	**24.87**	**376.19**

Source: MAC ANOMS Analysis, 2009.

Table 5-3a
St. Paul Downtown Airport Year 2007 Departure Flight Track Use

Runway	Track	Jets		Piston		Turboprop	
		Day	Night	Day	Night	Day	Night
09	A	0.0%	0.0%	20.6%	0.0%	0.0%	15.8%
	B	0.0%	0.0%	7.9%	0.0%	8.9%	5.3%
	C	0.0%	0.0%	19.1%	0.0%	0.0%	0.0%
	D	0.0%	0.0%	16.2%	0.0%	14.2%	5.3%
	E	0.0%	100.0%	9.5%	0.0%	17.7%	15.8%
	F	0.0%	0.0%	5.9%	0.0%	0.0%	0.0%
	G	0.0%	0.0%	4.6%	0.0%	10.3%	15.8%
	H	0.0%	0.0%	1.8%	0.0%	19.9%	0.0%
	I	0.0%	0.0%	2.6%	33.3%	7.4%	0.0%
	J	0.0%	0.0%	1.6%	0.0%	0.0%	10.5%
	K	0.0%	0.0%	2.5%	0.0%	13.8%	21.1%
	L	0.0%	0.0%	1.1%	66.7%	7.9%	0.0%
	M	0.0%	0.0%	2.6%	0.0%	0.0%	5.3%
	N	0.0%	0.0%	4.0%	0.0%	0.0%	0.0%
	O	100.0%	0.0%	0.0%	0.0%	0.0%	5.3%
13	A	0.0%	6.9%	8.6%	14.9%	2.4%	0.0%
	B	1.4%	3.4%	1.6%	0.2%	6.7%	2.7%
	C	0.4%	3.7%	9.0%	0.7%	3.2%	0.0%
	D	4.9%	2.6%	11.4%	0.0%	9.5%	1.3%
	E	9.7%	4.2%	6.7%	8.9%	7.7%	1.0%
	F	10.5%	2.3%	4.4%	20.4%	6.5%	1.2%
	G	11.7%	13.0%	4.9%	0.2%	7.9%	3.8%
	H	5.5%	3.4%	11.8%	7.8%	13.8%	8.0%
	I	22.0%	13.9%	15.2%	11.9%	20.0%	9.8%
	J	22.3%	22.7%	13.9%	5.1%	12.7%	16.3%
	K	7.4%	6.9%	7.1%	5.7%	7.1%	18.6%
	L	2.6%	10.3%	2.7%	5.7%	1.7%	32.0%
	M	1.3%	6.9%	1.1%	3.1%	0.0%	4.4%
	N	0.0%	0.0%	0.6%	0.4%	0.7%	0.0%
	O	0.5%	0.0%	0.6%	0.0%	0.0%	0.0%
	P	0.0%	0.0%	0.0%	7.5%	0.0%	0.0%
	R	0.0%	0.0%	0.3%	7.5%	0.0%	0.9%
14	A	0.6%	1.7%	19.6%	1.9%	6.9%	9.4%
	B	2.8%	1.3%	8.1%	0.3%	14.8%	8.7%
	C	13.5%	5.1%	8.5%	0.2%	20.2%	10.4%
	D	17.9%	7.5%	13.6%	2.4%	16.7%	5.8%
	E	18.2%	11.7%	15.8%	10.2%	17.7%	11.6%
	F	29.7%	21.0%	9.2%	9.4%	15.4%	13.1%
	G	11.6%	15.2%	3.6%	18.6%	4.5%	9.6%
	H	2.1%	19.4%	2.0%	18.5%	1.5%	8.1%
	I	2.0%	8.2%	5.6%	10.9%	1.0%	15.3%
	J	1.6%	7.0%	4.2%	16.7%	1.2%	4.5%
	K	0.0%	1.9%	9.8%	10.9%	0.0%	3.6%
27	A	0.0%	100.0%	26.8%	0.0%	0.0%	0.0%
	B	0.0%	0.0%	6.4%	0.0%	0.0%	0.0%
	C	0.0%	0.0%	0.0%	0.0%	66.7%	0.0%
	D	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%
	E	0.0%	0.0%	10.2%	0.0%	0.0%	0.0%
	F	0.0%	0.0%	9.4%	0.0%	0.0%	0.0%
	G	0.0%	0.0%	25.5%	0.0%	0.0%	0.0%
	H	0.0%	0.0%	15.3%	0.0%	0.0%	0.0%
	I	0.0%	0.0%	6.4%	0.0%	0.0%	0.0%
31	A	4.3%	0.0%	4.2%	3.4%	9.1%	16.5%
	B	0.4%	0.0%	0.0%	1.4%	0.0%	4.6%
	C	0.0%	0.0%	0.8%	0.0%	0.0%	13.8%
	D	0.4%	0.0%	0.8%	0.0%	0.0%	0.0%
	E	0.0%	9.9%	10.1%	0.0%	0.0%	6.1%
	F	1.5%	0.0%	10.8%	1.4%	1.5%	0.0%
	G	2.7%	0.0%	2.6%	2.8%	1.4%	0.0%
	H	21.0%	24.8%	3.2%	0.0%	4.9%	6.1%
	I	29.3%	25.5%	13.6%	0.0%	15.1%	5.2%
	J	31.1%	28.3%	9.0%	67.4%	5.8%	4.9%
	K	6.5%	3.7%	5.7%	2.8%	12.8%	0.0%
	L	1.2%	0.3%	7.1%	7.1%	2.9%	9.2%
	M	1.4%	0.0%	9.2%	2.4%	8.0%	15.3%
	N	0.0%	3.7%	7.8%	5.6%	14.5%	9.2%
	O	0.0%	0.0%	3.8%	1.4%	18.7%	4.6%
	P	0.0%	3.7%	11.1%	4.2%	5.2%	4.6%
32	A	0.0%	0.8%	3.3%	0.5%	0.0%	0.0%
	B	1.8%	1.3%	1.9%	2.8%	3.5%	8.6%
	C	1.2%	10.5%	9.9%	6.7%	1.9%	26.3%
	D	2.9%	3.1%	6.5%	7.1%	3.3%	6.0%
	E	29.4%	25.0%	8.0%	18.5%	16.7%	16.1%
	F	21.7%	13.2%	10.7%	6.2%	20.7%	13.3%
	G	10.0%	4.7%	10.3%	15.4%	16.5%	5.4%
	H	27.4%	24.3%	15.9%	12.3%	19.9%	12.6%
	I	4.5%	6.9%	11.3%	7.3%	8.5%	1.1%
	J	0.9%	4.3%	10.5%	7.5%	5.1%	2.4%
	K	0.2%	5.8%	11.7%	15.7%	3.9%	8.2%

Totals may not add up to 100% due to rounding.
Source: Radar track data, MAC Analysis, 2009.

Table 5-3b
St. Paul Downtown Airport Year 2007
Departure Flight Track Use

Runway	Track	Helicopters Day	Helicopters Night
27H	A	35.3%	20.8%
	B	64.7%	79.2%
31H	C	25.2%	27.1%
	D	23.7%	16.7%
	E	51.1%	56.3%
09H	F	100.0%	100.0%
13H	G	81.0%	0.0%
	H	19.0%	100.0%
14H	I	70.9%	72.0%
	J	16.2%	16.0%
	K	12.8%	12.0%
32H	L	47.1%	19.1%
	M	19.0%	16.2%
	N	33.9%	64.7%

Totals may not add up to 100% due to rounding.
Source: Radar track data, MAC Analysis, 2009.

Table 5-3d
St. Paul Downtown Airport Year 2007
Arrival Flight Track Use

Runway	Track	Helicopters Day	Helicopters Night
09H	A	35.5%	33.9%
	B	64.5%	66.1%
13H	C	27.1%	40.2%
	D	14.6%	19.6%
	E	6.3%	6.5%
	F	10.9%	9.8%
	H	41.1%	23.9%
14H	I	40.4%	60.0%
	J	24.5%	10.0%
	K	35.1%	30.0%
27H	L	100.0%	100.0%
31H	M	100.0%	100.0%
32H	N	44.4%	69.7%
	O	55.6%	30.3%

Totals may not add up to 100% due to rounding.
Source: Radar track data, MAC Analysis, 2009.

Table 5-3c
St. Paul Downtown Airport Year 2007 Arrival Flight Track Use

Runway	Track	Jets Day	Jets Night	Piston Day	Piston Night	Turboprop Day	Turboprop Night
09	A	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
13	A	14.5%	0.0%	35.0%	78.7%	31.9%	80.4%
	B	85.5%	100.0%	65.0%	21.3%	68.1%	19.6%
14	A	5.7%	6.4%	7.1%	0.9%	7.4%	4.5%
	B	74.5%	57.2%	63.5%	84.0%	69.8%	81.8%
	C	19.8%	36.4%	29.4%	15.1%	22.7%	13.7%
27	A	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
31	A	70.5%	0.0%	49.7%	3.4%	70.5%	26.9%
	B	29.5%	0.0%	50.3%	96.6%	29.5%	73.1%
32	A	19.9%	16.2%	25.4%	7.8%	29.6%	21.2%
	B	80.1%	83.8%	74.6%	92.2%	70.4%	78.8%

Totals may not add up to 100% due to rounding.
Source: Radar track data, MAC Analysis, 2009.

Table 5-4a

St. Paul Downtown Airport Year 2025 Departure Flight Track Use

		Jets		Piston		Turboprop	
Runway	Track	Day	Night	Day	Night	Day	Night
09	A	0.0%	0.0%	20.7%	0.0%	0.0%	15.8%
	B	0.0%	0.0%	7.8%	0.0%	8.9%	5.3%
	C	0.0%	0.0%	19.2%	0.0%	0.0%	0.0%
	D	0.0%	0.0%	16.0%	0.0%	14.2%	5.3%
	E	0.0%	100.0%	9.5%	0.0%	17.7%	15.8%
	F	0.0%	0.0%	5.9%	0.0%	0.0%	0.0%
	G	0.0%	0.0%	4.5%	0.0%	10.3%	15.8%
	H	0.0%	0.0%	1.9%	0.0%	19.9%	0.0%
	I	0.0%	0.0%	2.7%	33.3%	7.4%	0.0%
	J	0.0%	0.0%	1.7%	0.0%	0.0%	10.5%
	K	0.0%	0.0%	2.5%	0.0%	13.8%	21.1%
	L	0.0%	0.0%	1.1%	66.7%	7.9%	0.0%
	M	0.0%	0.0%	2.6%	0.0%	0.0%	5.3%
	N	0.0%	0.0%	3.9%	0.0%	0.0%	0.0%
	O	100.0%	0.0%	0.0%	0.0%	0.0%	5.3%
13	A	0.0%	2.0%	8.5%	14.6%	2.4%	0.0%
	B	0.5%	1.0%	1.6%	0.2%	6.7%	2.7%
	C	21.4%	35.2%	8.9%	0.8%	3.2%	0.0%
	D	1.9%	0.7%	11.4%	0.0%	9.5%	1.3%
	E	23.5%	21.1%	6.6%	8.7%	7.7%	1.0%
	F	4.0%	0.7%	4.4%	20.0%	6.5%	1.2%
	G	4.4%	3.8%	4.8%	0.2%	7.9%	3.8%
	H	2.1%	1.0%	11.9%	7.7%	13.8%	8.0%
	I	29.5%	21.1%	15.4%	12.0%	20.0%	9.8%
	J	8.4%	6.6%	14.0%	5.4%	12.7%	16.3%
	K	2.8%	2.0%	7.2%	6.1%	7.1%	18.6%
	L	1.0%	3.0%	2.8%	6.1%	1.7%	32.0%
	M	0.5%	2.0%	1.1%	3.3%	0.0%	4.4%
	N	0.0%	0.0%	0.6%	0.4%	0.7%	0.0%
	O	0.2%	0.0%	0.6%	0.0%	0.0%	0.0%
	P	0.0%	0.0%	0.0%	7.3%	0.0%	0.0%
	Q	0.0%	0.0%	0.3%	7.3%	0.0%	0.9%
14	A	6.7%	6.8%	19.4%	2.0%	6.9%	9.4%
	B	2.0%	1.0%	8.1%	0.3%	14.8%	8.7%
	C	20.5%	12.8%	8.6%	0.2%	20.2%	10.4%
	D	13.0%	5.8%	13.6%	2.5%	16.7%	5.8%
	E	18.5%	13.3%	16.1%	10.0%	17.7%	11.6%
	F	26.7%	20.5%	9.4%	9.8%	15.4%	13.1%
	G	8.4%	11.7%	3.6%	18.8%	4.5%	9.6%
	H	1.5%	15.0%	2.0%	18.7%	1.5%	8.1%
	I	1.4%	6.3%	5.5%	10.8%	1.0%	15.3%
	J	1.2%	5.4%	4.2%	16.2%	1.2%	4.5%
	K	0.0%	1.4%	9.6%	10.7%	0.0%	3.6%
27	A	0.0%	100.0%	26.7%	0.0%	0.0%	0.0%
	B	0.0%	0.0%	6.4%	0.0%	0.0%	0.0%
	C	0.0%	0.0%	0.0%	0.0%	66.7%	0.0%
	D	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%
	E	0.0%	0.0%	10.2%	0.0%	0.0%	0.0%
	F	0.0%	0.0%	9.8%	0.0%	0.0%	0.0%
	G	0.0%	0.0%	25.4%	0.0%	0.0%	0.0%
	H	0.0%	0.0%	15.2%	0.0%	0.0%	0.0%
	I	0.0%	0.0%	6.4%	0.0%	0.0%	0.0%
31	A	1.1%	0.0%	4.1%	3.6%	9.1%	16.5%
	B	0.1%	0.0%	0.0%	1.5%	0.0%	4.6%
	C	0.0%	0.0%	0.8%	0.0%	0.0%	13.8%
	D	0.1%	0.0%	0.8%	0.0%	0.0%	0.0%
	E	0.0%	2.0%	10.2%	0.0%	0.0%	6.1%
	F	0.4%	0.0%	11.0%	1.5%	1.5%	0.0%
	G	0.7%	0.0%	2.6%	3.0%	1.4%	0.0%
	H	5.1%	4.9%	3.2%	0.0%	4.9%	6.1%
	I	31.9%	33.3%	13.7%	0.0%	15.1%	5.2%
	J	33.0%	32.5%	9.0%	65.7%	5.8%	4.9%
	K	1.6%	0.7%	5.7%	3.0%	12.8%	0.0%
	L	25.8%	25.2%	7.2%	7.4%	2.9%	9.2%
	M	0.3%	0.0%	9.0%	2.5%	8.0%	15.3%
	N	0.0%	0.7%	7.9%	5.9%	14.5%	9.2%
	O	0.0%	0.0%	3.7%	1.5%	18.7%	4.6%
	P	0.0%	0.7%	10.9%	4.5%	5.2%	4.6%
32	A	0.0%	0.6%	3.2%	0.6%	0.0%	0.0%
	B	1.4%	0.9%	1.9%	3.0%	3.5%	8.6%
	C	0.9%	7.7%	9.8%	6.7%	1.9%	26.3%
	D	2.2%	2.3%	6.4%	7.1%	3.3%	6.0%
	E	28.4%	25.5%	8.0%	18.4%	16.7%	16.1%
	F	34.5%	29.4%	10.8%	6.2%	20.7%	13.3%
	G	7.6%	3.4%	10.4%	15.2%	16.5%	5.4%
	H	20.8%	17.7%	16.0%	12.3%	19.9%	12.6%
	I	3.4%	5.1%	11.4%	7.3%	8.5%	1.1%
	J	0.7%	3.2%	10.5%	7.5%	5.1%	2.4%
	K	0.1%	4.3%	11.6%	15.9%	3.9%	8.2%

Totals may not add up to 100% due to rounding.

Source: Radar track data, MAC Analysis, 2009.

Table 5-3b
St. Paul Downtown Airport Year 2007
Departure Flight Track Use

Runway	Track	Helicopters Day	Helicopters Night
27H	A	35.3%	20.8%
	B	64.7%	79.2%
31H	C	25.2%	27.1%
	D	23.7%	16.7%
	E	51.1%	56.3%
09H	F	100.0%	100.0%
13H	G	81.0%	0.0%
	H	19.0%	100.0%
14H	I	70.9%	72.0%
	J	16.2%	16.0%
	K	12.8%	12.0%
32H	L	47.1%	19.1%
	M	19.0%	16.2%
	N	33.9%	64.7%

Totals may not add up to 100% due to rounding.
Source: Radar track data, MAC Analysis, 2009.

Table 5-4d
St. Paul Downtown Airport Year 2025
Arrival Flight Track Use

Runway	Track	Helicopters Day	Helicopters Night
09H	A	35.5%	33.9%
	B	64.5%	66.1%
13H	C	27.1%	40.2%
	D	14.6%	19.6%
	E	6.3%	6.5%
	F	10.9%	9.8%
	G	41.1%	23.9%
14H	H	40.4%	60.0%
	I	24.5%	10.0%
	J	35.1%	30.0%
27H	K	100.0%	100.0%
31H	L	100.0%	100.0%
32H	M	44.4%	69.7%
	N	55.6%	30.3%

Totals may not add up to 100% due to rounding.
Source: Radar track data, MAC Analysis, 2009.

Table 5-4c
St. Paul Downtown Airport Year 2025 Arrival Flight Track Use

Runway	Track	Jets Day	Jets Night	Piston Day	Piston Night	Turboprop Day	Turboprop Night
09	A	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
13	A	14.5%	0.0%	34.6%	78.6%	31.9%	80.4%
	B	85.5%	100.0%	65.4%	21.4%	68.1%	19.6%
14	A	8.0%	12.7%	7.0%	1.0%	7.4%	4.5%
	B	71.3%	45.0%	63.5%	83.4%	69.8%	81.8%
	C	20.6%	42.3%	29.5%	15.6%	22.7%	13.7%
27	A	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
31	A	70.5%	0.0%	49.4%	3.6%	70.5%	26.9%
	B	29.5%	0.0%	50.6%	96.4%	29.5%	73.1%
32	A	24.6%	22.0%	25.1%	7.8%	29.6%	21.2%
	B	75.4%	78.0%	74.9%	92.2%	70.4%	78.8%

Totals may not add up to 100% due to rounding.
Source: Radar track data, MAC Analysis, 2009.

Table 5-5
St. Paul Downtown Airport Year 2007 Average Annual Runway Use

Aircraft Group	Runway	Arrivals			Departures			Touch and Gos		
		Day	Night	Total	Day	Night	Total	Day	Night	Total
Jets	09	1.2%	2.3%	1.3%	0.1%	0.1%	0.1%	-	-	-
	13	0.5%	1.2%	0.6%	6.5%	5.3%	6.4%	-	-	-
	14	50.6%	37.7%	49.6%	46.7%	57.0%	47.5%	-	-	-
	27	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	-	-	-
	31	0.4%	0.0%	0.4%	3.5%	2.4%	3.4%	-	-	-
	32	47.2%	58.7%	48.1%	43.3%	35.0%	42.6%	-	-	-
Helicopters	09H	23.5%	22.2%	23.4%	6.9%	1.1%	6.5%	9.3%	2.8%	9.0%
	13H	24.7%	34.6%	25.4%	2.8%	1.1%	2.7%	12.1%	2.5%	11.8%
	14H	26.7%	26.3%	26.7%	15.6%	18.7%	15.8%	15.7%	19.6%	15.9%
	27H	7.3%	2.6%	7.0%	22.2%	17.9%	21.9%	23.4%	19.7%	23.3%
	31H	1.5%	1.9%	1.6%	36.4%	35.8%	36.4%	30.5%	11.6%	29.8%
	32H	16.2%	12.4%	15.9%	16.1%	25.4%	16.8%	9.1%	43.8%	10.3%
Pistons	09	5.0%	2.4%	4.8%	3.9%	0.1%	3.6%	1.4%	0.0%	1.3%
	13	3.5%	8.4%	3.9%	17.3%	25.7%	18.0%	4.1%	6.4%	4.2%
	14	44.3%	36.6%	43.7%	33.5%	28.7%	33.2%	46.9%	89.3%	48.4%
	27	1.3%	0.2%	1.2%	4.1%	0.0%	3.7%	2.1%	0.0%	2.0%
	31	5.6%	5.7%	5.6%	6.2%	3.4%	6.0%	4.1%	4.3%	4.1%
	32	40.2%	46.8%	40.7%	34.9%	42.1%	35.5%	41.4%	0.0%	40.0%
Turboprops	09	2.8%	0.7%	2.6%	1.3%	3.0%	1.5%	-	-	-
	13	1.0%	1.5%	1.1%	11.9%	17.7%	12.3%	-	-	-
	14	52.0%	40.7%	51.2%	39.5%	41.3%	39.6%	-	-	-
	27	1.0%	0.9%	1.0%	0.1%	0.0%	0.1%	-	-	-
	31	1.6%	3.0%	1.7%	4.3%	3.4%	4.3%	-	-	-
	32	41.5%	53.3%	42.4%	42.8%	34.7%	42.2%	-	-	-

Totals may not add up to 100% due to rounding.

Source: MAC ANOMS Analysis, 2009.

Table 5-6
St. Paul Downtown Airport Year 2025 Average Annual Runway Use

Aircraft Group	Runway	Arrivals			Departures			Touch and Gos		
		Day	Night	Total	Day	Night	Total	Day	Night	Total
Jets	09	0.8%	1.5%	0.9%	0.1%	0.1%	0.1%	-	-	-
	13	0.3%	0.8%	0.4%	11.2%	12.0%	11.2%	-	-	-
	14	54.9%	37.9%	53.6%	42.2%	48.4%	42.7%	-	-	-
	27	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-	-	-
	31	0.3%	0.0%	0.2%	9.2%	8.1%	9.2%	-	-	-
	32	43.7%	59.8%	44.9%	37.3%	31.4%	36.8%	-	-	-
Helicopters	09H	23.5%	22.2%	23.4%	6.9%	1.1%	6.5%	9.3%	2.8%	9.0%
	13H	24.7%	34.6%	25.4%	2.8%	1.1%	2.7%	12.1%	2.5%	11.8%
	14H	26.7%	26.3%	26.7%	15.6%	18.7%	15.8%	15.7%	19.6%	15.9%
	27H	7.3%	2.6%	7.0%	22.2%	17.9%	21.9%	23.4%	19.7%	23.3%
	31H	1.5%	1.9%	1.6%	36.4%	35.8%	36.4%	30.5%	11.6%	29.8%
	32H	16.2%	12.4%	15.9%	16.1%	25.4%	16.8%	9.1%	43.8%	10.3%
Pistons	09	5.1%	2.4%	4.8%	3.9%	0.2%	3.6%	1.4%	0.0%	1.4%
	13	3.5%	8.1%	3.8%	17.3%	25.6%	18.0%	4.0%	6.2%	4.1%
	14	44.2%	36.3%	43.6%	33.6%	29.1%	33.3%	46.9%	89.6%	48.4%
	27	1.3%	0.2%	1.2%	4.0%	0.0%	3.7%	2.1%	0.0%	2.0%
	31	5.5%	5.6%	5.5%	6.1%	3.4%	5.9%	4.1%	4.2%	4.1%
	32	40.4%	47.4%	41.0%	35.1%	41.8%	35.6%	41.5%	0.0%	40.1%
Turboprops	09	2.8%	0.7%	2.6%	1.3%	3.0%	1.5%	-	-	-
	13	1.0%	1.5%	1.1%	11.9%	17.7%	12.3%	-	-	-
	14	52.0%	40.7%	51.2%	39.5%	41.3%	39.6%	-	-	-
	27	1.0%	0.9%	1.0%	0.1%	0.0%	0.1%	-	-	-
	31	1.6%	3.0%	1.7%	4.3%	3.4%	4.3%	-	-	-
	32	41.5%	53.3%	42.4%	42.8%	34.7%	42.2%	-	-	-

Totals may not add up to 100% due to rounding.

Source: MAC ANOMS Analysis, 2009.

5.1.3 Baseline 2007 Noise Impacts

In the Baseline 2007 noise contours, there are 132 single-family homes and 160 multi-family units located in the 60 DNL contour around St. Paul Downtown Airport. The 60 DNL contour contains approximately 2.14 square miles. The 65 DNL contour contains approximately 0.86 square miles with no residential dwellings in the contour. The 2007 70 and 75 DNL contours contain 0.42 and 0.20 square miles respectively with no residential dwellings in the contours.

The 2007 noise contours are shown in Figure 5-5.

5.1.4 Forecast 2025 Noise Impacts

The Forecast 2025 noise contours around St. Paul Downtown Airport increase to approximately 2.94 square miles in the 60 DNL contour and approximately 1.09 square miles in the 65 DNL contour. The residential structures within the 60 DNL contour increase to 498 single family homes and 666 multi-family units and no residential units are contained in the 65 DNL and greater contours. The 70 and 75 DNL contours increase to cover 0.52 square miles and 0.26 square miles, respectively.

The 2025 noise contours are shown in Figure 5-6.

In summary, there will be a 37.4 percent increase in the 60 DNL contour with an increase of 366 single family homes and 506 multi-family units in the contour. The area within the 65 DNL contour increases 26.7 percent over the same period. The increase in the contours can be attributed primarily to a 9.6 percent increase in total aircraft operations from 2007 to 2025 and a 71.7 percent increase in jet aircraft operations (not including very light jets/microjets).

5.2 Environmental Review

In addition to noise and land use, MAC also reviews projects for other potential environmental concerns. Depending on the type of project, different levels of environmental review may be needed. MAC completes an Assessment of Environmental Effects (AOEE) each year as a part of the Capital Improvement Program. This document identifies projects that have had or require environmental review. For many projects proposed to utilize federal funds, MAC may submit a Categorical Exclusion to the FAA for review and consideration. The environmental topics identified and considered in a “Cat Ex” are listed below. If a project does not meet the requirements for a Cat Ex, a federal environmental assessment (EA) is completed and reviewed/approved by the FAA. Some projects warrant a State Environmental Assessment Worksheet (EAW) as a way to identify and consider any potential environmental impacts. Lastly, projects that involve runway extensions to 5,000 feet at the Reliever Airports require a State and Federal Environmental Impact Statement (EIS).

The type of funding for a project usually dictates what type of review is necessary. For example, projects not using federal funds do not need FAA approval. Also, some projects do not rise to the level of any necessary environmental review.

Specific categories contemplated and/or analyzed in environmental reviews are shown in Table 5-7.

Environmental review for the specific projects listed as recommendations in this LTCP lies outside the scope of a long-term comprehensive planning document and any necessary environmental review will be evaluated as a separate process.

Table 5-7
Environmental Review Categories

Environmental Review Categories	
Air Quality	Historic Structures/Resources
Archaeological	Light Emissions
Biotic Communities	Migratory Birds
Coastal Resources	Natural Resources
Compatible Land Use	Noise Levels
Construction Impacts	Parks, Public Lands, Refuges, Recreational Resources
Endangered Species (flora and fauna)	Relocation Housing
Energy Supply	Social/Socioeconomic Impacts
Environmental Justice	Surface Transportation
Essential Fish Habitat	Water Quality
Farmland	Wetlands
Floodplains	Wild and Scenic Rivers
Hazardous Materials	Other Connected or Cumulative Actions

Chapter

6 Land Use Compatibility

Planning for the maintenance and development of airport facilities is a complex process. Successfully developing airports requires insightful decision-making predicated on various facts that drive the need for the development of additional airport infrastructure. Furthermore, these efforts should consider surrounding community land uses. Airports cannot be developed in a vacuum; the development effort must consider the needs of the surrounding populations and the land uses in the area surrounding the airport. The success of airport planning is predicated on close consideration and coordination of surrounding land use to ensure compatibility with the community surrounding the airport.

Cities and airport operators are both responsible for the ongoing development of public assets. The development of U.S. airports, as well as city infrastructure is within the concept of conducting development predicated on the greater public interest. The responsible development of such community and airport infrastructure requires cooperative efforts on behalf of the airport proprietor and the community.

As city governments are responsible for the development and enhancement of city infrastructure, airport proprietors are responsible for the federally endorsed enhancement of our nation's airport system. Airport operators would be remiss in their duties if such efforts did not consider the land use consequences of decisions made regarding airport development.

This chapter evaluates the land use implications of the planned operation and development of the St. Paul Downtown Airport.

6.1 Land Use Compatibility Criteria

The Federal Aviation Administration has established Land Use Compatibility criteria in 14 C.F.R. Part 150 detailing acceptable land uses around airports considering noise impacts in terms of DNL. In the case of airports located in the Minneapolis/St. Paul Metropolitan Area additional criteria also must be evaluated in relation to noise exposure as established by the Metropolitan Council's Transportation Policy Plan (TPP).

6.1.1 Federal Aviation Administration Land Use Compatibility Guidelines

Federal guidelines for compatible land use that take into account the impact of aviation noise have been developed for land near airports. They were derived through an iterative process that started before 1972. Independent efforts by the FAA, HUD, USAF, USN, EPA and other Federal agencies to develop compatible land use criteria were melded into a single effort by the Federal Interagency Committee on Urban Noise (FICUN) in 1979, and resulted in the FICUN Guidelines document (1980). The Guidelines document adopted DNL as its standard noise descriptor, and the Standard Land Use Coding Manual (SLUCM) as its standard descriptor for land uses. The noise-to-land use relationships were then expanded for FAA's Advisory Circular Airport-Land Use Compatibility Planning. The current individual agency compatible land use criteria have been, for the most part, derived from those in the FICUN Guidelines. Airport environments pertain only to certain categories of these guidelines.[4]

In 1985 the FAA adopted 14 C.F.R. Part 150 outlining land use compatibility guidelines around airports. Table 6-1 provides the land use compatibility guidelines as established by the FAA.

[4] Federal Interagency Committee On Noise (FICON), "Federal Agency Review of Selected Airport Noise Analysis Issues, " (1992), pp. 2-6 to 2-7.

Table 6.1

FAA Aircraft Noise and Land Use Compatibility Guidelines

Land Use	DNL Contour Interval (dB)					
	Less than 65	**65-69**	**70-74**	**75-79**	**80-84**	**Greater than 85**
Residential						
Residential, other than mobile homes and transient lodgings	Y	N(1)	N(1)	N	N	N
Mobile home park,	Y	N	N	N	N	N
Transient Lodgings	Y	N(1)	N(1)	N(1)	N	N
Public Use						
Schools	Y	N(1)	N(1)	N	N	N
Hospitals and nursing homes	Y	25	30	N	N	N
Churches, auditoriums, and concert halls	Y	25	30	N	N	N
Governmental services	Y	Y	25	30	N	N
Transportation	Y	Y	Y(2)	Y(3)	Y(4)	Y(4)
Parking	Y	Y	Y(2)	Y(3)	Y(4)	Y
Commercial Use						
Offices, business and professional	Y	Y	25	30	N	N
Wholesale and retail–building materials, Hardware and farm equipment	Y	Y	Y(2)	Y(3)	Y(4)	N
Retail trade–general	Y	Y	25	30	N	N
Utilities	Y	Y	Y(2)	Y(3)	Y(4)	N
Communication	Y	Y	25	30	N	N
Manufacturing and Production						
Manufacturing, general	Y	Y	Y(2)	Y(3)	Y(4)	N
Photographic and optical	Y	Y	25	30	N	N
Agriculture (except livestock) and forestry	Y	Y(6)	Y(7)	Y(8)	Y(8)	Y(8)
Livestock farming and breeding	Y	Y(6)	Y(7)	N	N	N
Mining and fishing, resource Production and extraction	Y	Y	Y	Y	Y	Y
Recreational						
Outdoor sports arenas and spectator sports	Y	Y(5)	Y(5)	N	N	N
Outdoor music shells, amphitheaters	Y	N	N	N	N	N
Nature exhibits and zoos	Y	Y	N	N	N	N
Amusements, parks, resorts and camps	Y	Y	Y	N	N	N
Golf courses, riding stables, and water recreation	Y	Y	25	30	N	N

See following page for Table Key and Notes.

Key

SLUCM	Standard Land Use Coding Manual.
Y(Yes)	Land use and related structures compatible without restrictions.
N(No)	Land use and related structures are not compatible and should be prohibited.
NLR	Noise Level Reduction (outdoor to indoor) to be achieved through incorporation of noise attenuation into the design and construction of the structure.
25, 30, or 35	Land use and related structures generally compatible; measures to achieve NLR of 25, 30, or 35 dB must be incorporated into design and construction of structure.

Notes

The designations contained in this table do not constitute a federal determination that any use of land covered by the program is acceptable or unacceptable under federal, state, or local law. The responsibility for determining the acceptable and permissible land uses and the relationship between specific properties and specific noise contours rests with the local authorities. FAA determinations under Part 150 are not intended to substitute locally determined land uses for those determined to be appropriate by local authorities in response to locally determined needs and values in achieving noise compatible land uses.

(1) Where the community determines that residential or school uses must be allowed, measures to achieve outdoor to indoor Noise Level Reduction (NLR) of at least 25 dB and 30 dB should be incorporated into building codes and be considered in individual approvals. Normal residential construction can be expected to provide a NLR of 20 dB, thus, the reduction requirements are often stated as 5, 10, or 15 dB over standard construction and normally assume mechanical ventilation and closed windows year round. However, the use of NLR criteria will not eliminate outdoor noise problems.

(2) Measures to achieve NLR of 25 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.

(3) Measures to achieve NLR of 30 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.

(4) Measures to achieve NLR of 35 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.

(5) Land use compatible provided special sound reinforcement systems are installed.

(6) Residential buildings require an NLR of 25.

(7) Residential buildings require an NLR of 30.

(8) Residential buildings not permitted.

Source: 14 CFR Part 150

According to FAA standards, areas with noise levels less than 65 DNL are considered compatible with residential development.

6.1.2 Metropolitan Council Land Use Compatibility Guidelines

The Metropolitan Council has developed a set of land-use planning guidelines for responsible community development in the Minneapolis-St. Paul Metropolitan Area. The intent is to provide city governments with a comprehensive resource with regard to planning community development in a manner that considers adequacy, quality and environmental elements of planned land-uses.

Specifically, the Minnesota State Land Planning Act, the underlying law that requires local units of government to prepare a comprehensive plan and submit it for Metropolitan Council review, was enacted in 1976. By 1980, all community plans had been approved. The 1973 Aviation Chapter of the Metropolitan Development Guide was updated in 1977. In 1983, the Metropolitan Council amended the Aviation Policy Plan to include "Land Use Compatibility Guidelines for Aircraft Noise."

In 1994, the Land Planning Act of 1976 had been amended to require communities to update their comprehensive plans at least every ten years. Therefore, all Metropolitan Development Guide chapters were updated by December 1996.

Under the 1976 legislation, communities designated land uses and defined the zoning applicable to the particular land use parcel; the zoning took precedence. The land use measure was a request that local jurisdictions review existing zoning in Airport Noise Zones to determine their consistency with the regional compatibility guidelines, and rezone the property for compatible development if consistent with other development factors. This policy changed in 1994.

Under the amended Land Planning Act, communities determine the land use designation, and the zoning must be consistent with that designation. Thus, the communities had to re-evaluate designated use, permitted uses within the designation, zoning classifications, and adequacy.

In 2004 the Aviation Policy Plan was incorporated into the Transportation Policy Plan (TPP) of the Metropolitan Development Guide. Land use compatibility guidelines for all metropolitan system airports are included in the TPP. It has since been updated in January 2009.

In the case of airports located in the Minneapolis/St. Paul Metropolitan Area, the Metropolitan Council Development Guidelines in relation to airport noise exposure need to be considered. The TPP provides land use guidelines based on 4 noise zones around an airport. The following provides the Metropolitan Council's description of each noise zone:

- **Zone 1** – Occurs on and immediately adjacent to the airport property. Existing and projected noise intensity in the zone is severe and permanent. It is an area affected by frequent landings and takeoffs and subjected to aircraft noise greater than 75 DNL. Proximity of the airfield operating area, particularly runway thresholds, reduces the probability of relief resulting from changes in the operating characteristics of either the aircraft or the airport. Only new, non-sensitive, land uses should be considered – in addition to preventing future noise problems the severely noise-impacted areas should be fully evaluated to determine alternative land use strategies including eventual changes in existing land uses.[5]

[5] Metropolitan Council 2030 Transportation Policy Plan, Appendix L, January 2009.

- **Zone 2** – Noise impacts are generally sustained, especially close to runway ends. Noise levels are in the 70 to 74 DNL range. Based upon proximity to the airfield, the seriousness of the noise exposure routinely interferes with sleep and speech activity. The noise intensity in this area is generally serious and continuing. New development should be limited to uses that have been constructed to achieve certain exterior-to-interior noise attenuation and that discourage certain outdoor uses.[6]

- **Zone 3** – Noise impacts can be categorized as sustaining. Noise levels are in the 65 to 69 DNL range. In addition to the intensity of the noise, location of buildings receiving the noise must also be fully considered. Aircraft and runway use operational changes can provide some relief for certain uses in this area. Residential development may be acceptable if it is located outside areas exposed to frequent landings and takeoffs, is constructed to achieve certain exterior-to-interior noise attenuation, and is restrictive as to outdoor use. Certain medical and educational facilities that involve permanent lodging and outdoor use should be discouraged.[7]

- **Zone 4** – Defined as a transitional area where noise exposure might be considered moderate. Noise levels are in the 60 to 64 DNL range. The area is considered transitional since potential changes in airport and aircraft operating procedures could lower or raise noise levels. Development in this area can benefit from insulation levels above typical new construction standards in Minnesota, but insulation cannot eliminate outdoor noise problems.[8]

- **Noise Buffer Zones -** Additional area that can be protected at the option of the affected community; generally, the buffer zone becomes an extension of noise zone 4. For example, at MSP, a one-mile buffer zone beyond the DNL60 has been established to address the range of variability in noise impact, by allowing implementation of additional local noise mitigation efforts. A buffer zone, out to DNL55 is optional at those reliever airports with noise policy areas outside the Metropolitan Urban Service Area (MUSA).[9]

The listed noise zones also use the DNL noise exposure metric. The Metropolitan Council Land Use Compatibility Guidelines for Aircraft Noise are provided in Table 6-2.

The Metropolitan Council suggests that the 60 DNL contour be used for planning purposes in areas inside the MUSA.

[6] Ibid.
[7] Ibid.
[8] Ibid.
[9] Ibid.

Table 6.2

Metropolitan Council Land Use Compatibility Guidelines for Aircraft Noise										
	Noise Exposure Zones									
Type of Development	**New Development or Major Redevelopment**					**Infill - Reconstruction or Additions to Existing Structures**				
Land Use Category	1 DNL 75+	2 DNL 74-70	3 DNL 69-65	4 DNL 64-60	BZ	1 DNL 75+	2 DNL 74-70	3 DNL 69-65	4 DNL 64-60	BZ
Residential										
Single/Multiplex, with individual entrance	INCO	INCO	INCO	INCO		COND	COND	COND	COND	
Multiplex/Apartment, with shared entrance	INCO	INCO	COND	PROV		COND	COND	PROV	PROV	
Mobile Home	INCO	INCO	INCO	COND		COND	COND	COND	COND	
Educational, Medical, Schools, Churches, Hospitals, & Nursing Homes	INCO	INCO	INCO	COND		COND	COND	COND	PROV	
Cultural, Entertainment, & Recreation										
Indoor	COND	COND	COND	PROV		COND	COND	COND	PROV	
Outdoor	COND	COND	COND	COND		COND	COND	COND	COMP	
Office, Commercial, Retail	COND	PROV	PROV	COMP		COND	PROV	PROV	COMP	
Services										
Transportation - Passenger Facilities	COND	PROV	PROV	COMP		COND	PROV	PROV	COMP	
Transient Lodging	INCO	COND	PROV	PROV		COND	COND	PROV	PROV	
Other Medical, Health, and Education	COND	PROV	PROV	COMP		COND	PROV	PROV	COMP	
Other Services	COND	PROV	PROV	COMP		COND	PROV	PROV	COMP	
Industrial, Communication, & Utilities	PROV	COMP	COMP	COMP		PROV	COMP	COMP	COMP	
Agriculture, Land/Water Area, & Resource Extraction	COMP	COMP	COMP	COMP		COMP	COMP	COMP	COMP	

Table Key:

- **COMP** – "Compatible" – uses that are acoustically acceptable for both indoors and outdoors.
- **PROV** – "Provisional" – uses that should be discouraged if at all feasible; if allowed, must meet certain structural performance standards to be acceptable according to MS473.192 (metropolitan area Noise Attenuation Act). Structures built after December 1983 shall be acoustically constructed so as to achieve interior noise levels as follows:
  - Residential, Educational and Medical = 45 dBA Interior Sound Level
  - Cultural, Entertainment, Recreational, Office, Commercial, Retail and Services = 50 dBA Interior Sound Level
  - Industrial, Communications, Utility, Agricultural Land, Water Area, Resource Extraction = 60 dBA Interior Sound Level

  Each local governmental unit having land within the airport noise zones is responsible for implementing and enforcing the structural performance standards in its jurisdiction.
- **COND** – "Conditional" – uses that should be strongly discouraged; if allowed, must meet the structural performance standards, and requires a comprehensive plan amendment for review of the project under the Conditional Land Use Review Factors outlined in the Metropolitan Council's 2030 Transportation Policy Plan, Appendix H, Table 5.
- **INCO** – "Incompatible" – land uses that are not acceptable even if acoustical treatment were incorporated in the structure and outside uses restricted.

Source: Metropolitan Council 2030 Transportation Policy Plan, Appendix H – December 15, 2004.

6.1.3 Runway Safety Zones

The State of Minnesota Department of Transportation (Mn/DOT) has established regulations that control the type of development allowed off runway ends in order to prevent incompatible development. These guidelines should be used to establish zoning ordinances to protect areas around an airport. The states zoning areas overlay and extend beyond the Runway Protection Zones (RPZs). The most restrictive areas created by Mn/DOT regulations are called State Safety Zones A and B. The recommended safety zones should exist off each runway end and follow the approach zones out to the total length of the runway. The typical length of Safety Zone A is 2/3 of the total runway length; Safety Zone B is 1/3 of the total runway length and extends from Safety Zone A. There is also an area called Safety Zone C which is circular and typically follows the FAAs FAR Part 77 horizontal surface.

Safety Zone A does not allow any buildings or temporary structures, places of public assembly or transmission lines. Permitted uses include agriculture, livestock, cemeteries and auto parking areas.

Safety Zone B does not allow places of public or semipublic assembly (e.g., churches, hospitals, schools) and is subject to site-to-building area ratios and site population limits. Permitted uses are generally the same as Zone A, plus some low-density developments.

Safety Zone C does not allow use that causes interference with radio or electronic facilities on the airport or interference with radio or electronic communications between the airport and aircraft, lighting that makes it difficult for pilots to distinguish between airport lights and other lights or that results in glare in pilot's eyes, and lighting that impairs visibility in the airport vicinity.

A complete description and copy of the Minnesota Rules Chapter 8800 Department of Transportation Aeronautics Section 2400 Airport Zoning Standards can be found at http://www.dot.state.mn.us/aero/avoffice/planning/zoning.html.

Mn/DOT prefers that airports own all of State Zone A. For land within the area that is not airport-owned, land use protection is recommended by including the safety zones in local zoning codes and zoning maps. Inclusion of the safety zones on community Comprehensive Plans is also strongly encouraged. The RPZs and recommended State Safety Zones for St. Paul Downtown Airport are shown on Figure 6-1.

6.2 Land Use Compatibility Analysis

The St. Paul Downtown Airport is located in Ramsey County, in the City of St. Paul. The airport is bordered by the Mississippi River to the north, south and east and a combination of mixed use commercial, office and industrial/utility land uses to the west. Residential land uses are located northeast and southwest of the airport. The communities of West St. Paul and South St. Paul are located immediately to the south of the airport. In May 2008, a Joint Airport Zoning Board (JAZB) was convened which includes representation from the respective Responsible Governmental Units (RGUs) that control land use development around the St. Paul Downtown Airport. This effort is addressing land uses around St. Paul Downtown Airport in the context of the preferred alternative runway zones and may result in modification to the safety zone dimensions and development restrictions outlined in this chapter.

The following sections detail land use considerations in the context of existing and planned land uses around St. Paul Downtown Airport focusing on airport noise and runway safety zones.

6.2.1 Existing Condition Land Use Compatibility

In general, the area around the airport is primarily water and industrial/utility land uses. The Mississippi River borders airport property to the north, east and south with primarily industrial/utility to the west. A small portion of undeveloped land and retail/commercial also borders airport property to the west.

6.2.1.1 Land Use Compatibility and Airport Noise Considerations

As detailed in Chapter 5, Section 5.1, the 2007 baseline noise contours around St. Paul Downtown Airport contain 132 single-family homes and 160 multi-family units in the 60 DNL.

Figure 6-2 provides the 2007 baseline 60 and greater DNL noise contours around St. Paul Downtown Airport with 2005 land use data provided by the Metropolitan Council. As is detailed on the map, areas of residential use are contained within the 60 DNL noise contour to the north of the airport. The 2007 baseline 65 DNL contour extends off of airport property however, no residential structures are within the contour. The 2007 baseline 70 DNL contour is primarily contained on airport property except for a small portion to the southeast over the Mississippi River and to the northwest over industrial and utility land use areas. The 2007 baseline 75 DNL contour is primarily contained on airport property except for a small portion to the southeast over the Mississippi River.

6.2.1.2 Land Use Compatibility and Existing Runway Protection/Safety Zones

The existing RPZs and State Safety Zones A and B for Runways 14/32, 31/13, and 09/27 at St. Paul Downtown Airport are depicted in Figure 6-3 with the existing land uses around the airport.

The Runway 14 RPZ encompasses 48.9 total acres; 25.5 acres are on airport property, 10.2 acres are undeveloped, 10.0 acres are industrial/utility, 2.3 acres are retail/other commercial and 0.9 acres are water. State Zone A contains 163.7 total acres; 36.8 acres are water, 26.7 acres are park, 26.5 acres are airport property, 22.7 acres are undeveloped, 19.1 acres are industrial/utility, 12.3 acres are retail/other commercial, 10.0 acres are railway and 9.6 acres are major highway. State Zone B contains 130.2 total acres; 33.0 acres are major highway, 26.3 acres are industrial/utility, 17.3 acres are retail/other commercial, 16.8 acres are undeveloped, 14.8 acres are office, 12.2 acres are park, 7.8 acres are railway, 1.1 acres are institutional, 0.5 acres are single family residential, 0.3 acres are multi-family residential and 0.1 acres are mixed use residential. There are 20 single family homes and 14 multi-family units located in State Zone B.

The Runway 32 RPZ encompasses 29.4 total acres; 20.3 acres are water, 5.4 acres are airport property, 2.2 acres are industrial/utility and 1.5 acres are undeveloped. State Zone A contains 163.7 total acres; 63.8 acres are water, 46.6 acres are undeveloped, 23.6 acres are industrial/utility, 19.9 acres are park, 8.6 acres are airport property and 1.2 acres are railway. State Zone B contains 130.2 total acres; 75.4 acres are park, 51.7 acres are water and 3.1 acres are undeveloped.

The Runway 31 RPZ encompasses 13.8 total acres; 10.9 acres are water and 2.9 acres are airport property. State Zone A contains 55.1 total acres; 32.1 acres are industrial/utility, 20.0 acres are water and 3.0 acres are airport property. State Zone B contains 46.0 total acres; 37.3 acres are industrial/utility, 7.5 acres are undeveloped and 1.2 acres are railway.

The Runway 13 RPZ encompasses 13.8 total acres on airport property. State Zone A contains 46.9 total acres; 23.1 acres are airport property, 16.1 acres are industrial, 4.0 acres are undeveloped land and 3.7 acres are mixed use industrial. State Zone B contains 35.8 total acres; 23.9 acres are industrial/utility, 6.0 acres are water, 2.6 acres are undeveloped, 1.7 acres are airport property, 1.4 acres are major highway and 0.2 acres are retail/other commercial.

The Runway 09 RPZ encompasses 8.0 total acres; 2.3 acres are retail/other commercial, 1.8 acres are airport property, 1.7 acres are undeveloped, 1.2 acres are major highway and 1.0 acres are office. State Zone A contains 27.4 total acres; 13.0 acres are industrial/utility, 4.0 acres are undeveloped, 3.3 acres are major highway, 2.3 acres are retail/other commercial, 1.8 acres are airport property, 1.6 acres are office, 0.9 acres are single family residential, and 0.5 acres are institutional. There are 4 multi-family units located in State Zone A. State Zone B contains 23.9 total acres; 6.8 acres are industrial/utility, 6.8 acres are multi-family residential, 3.9 acres are institutional, 3.3 acres are retail/other commercial, 2.8 acres are single family residential and 0.3 acres are undeveloped. There are 13 single family residential structures and 155 multi-family units located in State Zone B.

The Runway 27 RPZ encompasses 8.0 total acres; 6.9 acres are water and 1.1 acres are airport property. State Zone A contains 27.4 total acres; 8.8 acres are water, 7.6 acres are park, 7.2 acres are industrial/utility, 2.7 acres are railway and 1.1 acres are airport property. State Zone B contains 23.9 total acres, all of which are park land.

6.2.2 Preferred Alternative Land Use Compatibility

The preferred development alternative at St. Paul Downtown Airport maintains the existing airport infrastructure and runway lengths. The growth in operations numbers and the forecasted change in fleet mix, primarily an increase in jet operations, results in changes to the noise contour.

6.2.2.1 Forecast Land Use Compatibility and Airport Noise Considerations

As detailed in Chapter 5, Section 5.1, the 2025 preferred alternative forecast 60 DNL noise contour around St. Paul Downtown Airport contains 498 single family homes and 666 multi-family units. The 2025 preferred alternative forecast 65 DNL contour extends off of airport property however, no residential structures are within the contour. The 2025 preferred alternative forecast 70 and 75 DNL contours are almost completely contained on airport property except for small portions that extend to the southeast over the Mississippi River and to the northwest over industrial and utility land use areas.

Figure 6-4 provides the 2025 preferred alternative forecast 60 and greater DNL noise contours around St. Paul Downtown Airport with 2005 land use data provided by the Metropolitan Council. Additional analysis was conducted relative to the planned 2020 land uses around St. Paul Downtown Airport as provided by the Metropolitan Council. Large areas to the south of STP within the 2025 contours is proposed to change from undeveloped to institutional with small areas of industrial and park land use. To the north, industrial and park land uses expand to cover land classified as undeveloped in 2005. West of the airport, there are small changes from industrial/mixed use industrial to commercial and institutional land use types.

The preferred development alternative does not include residential structures in recognized airport noise areas as outlined in the FAA land use guidelines in Table 6-1.

6.2.2.2 Land Use Compatibility and Preferred Alternative Runway Protection/Safety Zones

The preferred alternative RPZs and state safety zones A and B for Runways 14/32, 31/13, and 09/27 at St. Paul Downtown Airport are the same as the 2007 RPZs and zones. They are depicted in **Figure 6-3** with existing land uses around the airport.

Additional analysis was conducted relative to the planned 2020 land uses around St. Paul Downtown Airport as provided by the Metropolitan Council. There is a substantive proposed shift to institutional land use in State Zones A and B for Runways 32 and 31. Large areas of park land, undeveloped land and industrial land change to institutional land use in 2020. Much of the rest of the undeveloped land in State Zones A and B for Runway 32 is proposed to change to park land with the remainder in Zone A changing to industrial land use.

The MAC is in the process of working with a Joint Airport Zoning Board (JAZB) which includes representation from the respective Responsible Governmental Units (RGUs) that control land use development around the St. Paul Downtown Airport. This effort will address land uses around St. Paul Downtown Airport in the context of the Preferred Alternative runway zones and may result in modification to the State Model Safety Zone dimensions and development restrictions. The airport zoning process is spelled out in detail in Minn. Stat. Chap. 360, 360.061 – 360.074 and Minn. Rules Chap. 8800.1200 and 8800.2400. Specifically, Minn. Stat. § 360.062 establishes that "airport hazards" endanger lives, property and airport utility and should be prevented, with consideration given to avoiding the disruption of existing land uses based on social and financial costs. In an effort to prevent the creation or establishment of "airport hazards," the statute states that "the Metropolitan Airports Commission shall request creation of one joint airport zoning board for each airport operated under its authority." The statute states that "A joint board shall have as members two representatives appointed by the municipality owning or controlling the airport and two from the county or municipality, or in case more than one county or municipality is involved two from each county or municipality, in which the airport hazard is located, and in addition a chair elected by a majority of the members so appointed."

The goal of the JAZB is to develop a St. Paul Downtown Airport Zoning Ordinance for review and approval by the Commissioner of Transportation, for subsequent adoption by the Board and then by local municipalities. The Board will determine if the state model zoning ordinance provisions are appropriate for the St. Paul Downtown Airport or if modifications to the model are necessary considering the provisions of Minn. Stat. §360.066, subd. 1. The focus of this discussion has been on the following:

- MnDOT Model Ordinance – Minnesota Rule 8800.2100 and Minnesota Rule 8800.2400 (additional information on the MnDOT Model Zoning Ordinance is available on the Internet at http://www.dot.state.mn.us/aero/avoffice/planning/zoning.html)
- St. Paul Downtown Airport unique characteristics in the context of existing and planned land uses around the airport
- Maintaining a "reasonable standard of safety" while considering the social and financial costs to the community
- Minn. Stat. §360.066, subd. 1, which is especially instructive when addressing the question of balancing the safety with the social and economic impacts in the zoning process.

It is anticipated that a proposed final St. Paul Downtown Airport Zoning Ordinance will be submitted to the Commissioner of Transportation for final approval in 2010.

6.3 Concurrent Use / Development Areas on Airport Property

As described briefly in Chapter 4, MAC is currently analyzing the potential for concurrent use, revenue-generating development at the St. Paul Downtown Airport and all of its Reliever Airports. Any parcels reviewed by MAC at STP will be compatible with the airport and MAC will work with the City of St. Paul to address any concerns. It is anticipated that the northeastern portion of the airport may provide the best opportunities for this type of development.

Chapter

7 Capital Improvement Program Costs

The recommendations included in the 20-year planning period are listed in the table below. The estimated costs are in 2009 dollars, and they include estimated engineering costs.

Table 7-1
LTCP Recommendation Estimated Costs

Recommendation	Estimated Cost
On-going pavement maintenance and replacement program*	$4,400,000
Terminal Sub Drain	$600,000
Electrical Vault Improvements	$700,000
On-going Pavement Joint and Crack Repairs	$100,000 every other year
On-going MAC Building Maintenance	$200,000 every other year
Concurrent Use / Development Parcels	$0 (developer cost)

Source: MAC calculation

* Includes total cost for projects included in the draft 2010 – 2016 Capital Improvement Program for STP pavement rehabilitation or reconstruction.

The recommendation for on-going floodwall maintenance program is not included in the table above. Any costs expended come from the MAC operating budget, and are not Capital Improvement Program (CIP) costs.

Please note that these are recommendations for future airport improvements. Having them listed in this planning document does not guarantee that all or any of them will be completed. Additional engineering and environmental study as necessary will be completed prior to any implementation of projects. This summary provides a guide for MAC when planning the Capital Improvement Program. Costs for Reliever Airport projects must be carefully programmed to ensure all necessary funding is available. Those projects that will be eligible for federal or state funding will be placed in years when the opportunity to receive such funds is greatest. Projects that are not eligible for federal or state funds must have other funding sources identified prior to implementation.

Chapter

8 Facility Implementation Schedule

The items included in the 20-year planning period preferred alternative are listed in the table below. It is expected that these timelines may vary according to the availability of funding sources.

Table 8-1
LTCP Recommendation Implementation Schedule

Recommendation	Estimated Timeline
On-going pavement maintenance and replacement program	Continuous throughout planning period
Terminal Sub Drain	0 – 5 Years
Electrical Vault Improvements	0 – 5 Years
On-going Pavement Joint and Crack Repairs	Continuous throughout planning period
On-going MAC Building Maintenance	Continuous throughout planning period
Concurrent Use / Development Parcels	0 – 10 Years

Chapter 9

Public Information Process

At the onset of this long-term comprehensive plan update process, a public involvement program was developed. It included a specific plan for group meetings, with whom and when. The meetings held as part of this public process are listed in Table 9-1.

The purpose of the meetings was to inform the airport users and the public about the process and schedule, and offer an opportunity for personal question-and-answer sessions. The goal was to receive informal input as the process advanced, and prior to the formal public comment period that took place upon completion of the full draft document. In addition, MAC held two meetings and corresponded regularly with a technical advisory group, made up of members of MAC staff, the FAA, Mn/DOT Aeronautics, and Metropolitan Council.

Informal comments were accepted at all meetings. The MAC committee meetings were open to the public, and verbal comments were invited at each of them. Meetings with the Downtown Airport Advisory Commission (DAAC) typically involved a short presentation by MAC staff followed by a question and answer period.

Table 9-1
LTCP Meeting Schedule

Meeting with:	Date
Downtown Airport Advisory Commission – (DAAC)	January 13, 2009
Airport FBOs	March 5, 2009
Airport Tenants	March 5, 2009
City/County Representatives for communities around STP	March 25, 2009
DAAC	April 14, 2009
Reliever Airport Advisory Committee (RAAC)	April 29, 2009
MAC FD&E Committee Meeting	May 6, 2009
MAC M&O Committee Meeting	May 6, 2009
LTCP Public Informational Meeting	June 23, 2009
MAC FD&E Committee	July 8, 2009
DAAC	July 14, 2009
DAAC	November 10, 2009
MAC FD&E Meeting	February 3, 2010

During the long-term comprehensive planning drafting process, MAC requested informal written or verbal comments regarding the LTCP Update. Advertisement for the MAC public open house meeting was published in the *Pioneer Press* on June 10, 2009. The meeting was held on June 23, 2009. Not one person attended the public meeting. As of December 2009, MAC had received zero written comments.

The draft LTCP document was completed in December, 2009, and made available for a 30-day written comment period starting December 14, 2009. The comment period ended on January 12, 2010. Advertisements for the 30-day public written comment period on the draft LTCP were published in the *Pioneer Press* and *Star Tribune* newspapers on December 10, 2009.

Upon completion of the written comment period, MAC received two letters. One letter submitted came from the West Side Citizens Organization, and the second letter came from a resident of St. Paul. The letters and MAC's responses to them are included in Appendix B.

In February 2010, MAC submitted the draft LTCP document, along with all written comments received and MAC responses to those comments, to the Metropolitan Council for their review. The Metropolitan Council issued their determination in April 2010, finding the LTCP Update consistent with the Metropolitan Council's development guide. Correspondence from the Metropolitan Council has been included in Appendix B.

In June 2010, the Commission took action to adopt this LTCP as the final plan. MAC is committed to preparing updates to this LTCP on a regular basis.

WATERSHED
MANAGEMENT
ORGANIZATION

2011 watershed MANAGEMENT PLAN

for the lower mississippi river watershed management organization

AUGUST 2011

WSB
& Associates, Inc.

3RD GENERATION LOWER MISSISSIPPI RIVER WATERSHED MANAGEMENT PLAN

PREPARED FOR THE LOWER MISSISSIPPI RIVER WATERSHED MANAGEMENT ORGANIZATION

August 2011

Prepared by:

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

_____
Todd Hubmer, PE
Reg. No. 24043

_____
Jacob Newhall, PE
Reg. No. 49170

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1.0 Executive Summary

The Lower Mississippi River Watershed Management Organization Watershed Management Plan sets the vision and guidelines for managing surface water within its boundaries. This executive summary summarizes the history, purpose, issues, goals, policies, and implementation tasks of the Watershed Management Organization (WMO).

1.1 Location and History

The Lower Mississippi River Watershed Management Organization is located in the southeast part of the Twin Cities metropolitan area, in northern Dakota County and southern Ramsey County. It abuts the south and west sides of the Mississippi River, from the Mississippi River's confluence with the Minnesota River to Rosemount. The location of the WMO is shown in **Figure 1**. Adjoining watershed management entities include Gun Club Lake WMO, Lower Minnesota River Watershed District, and the Vermillion River Watershed Joint Powers Organization. The WMO covers 35,493 acres (55.5 square miles) and is composed of seven cities partially or wholly within the organization's boundaries. The member cities include:

Dakota County	Ramsey County
City of Inver Grove Heights	City of St. Paul
City of Lilydale	
City of Mendota Heights	
City of South St. Paul	
City of Sunfish Lake	
City of West St. Paul	

A joint powers agreement was executed on October 25, 1985, which established and empowered the Lower Mississippi River Watershed Management Organization. The WMO was formed in response to the requirements of the Metropolitan Surface Water Management Act ("Chapter 509," now recodified to Minnesota Statutes 103B). The Act required, among other things, the preparation of watershed management plans in the Minneapolis-St. Paul Metropolitan area.

The WMO has provided a valuable forum for the member cities to evaluate and resolve drainage issues within the watershed. The WMO and its member cities successfully addressed the majority of the intercommunity water management issues that were identified in the past WMO plans. The cooperation of the member cities and the implementation of the WMO's joint powers agreement (JPA) were key factors in resolving the identified problems. The WMO provided the forum for the cities to systemically prioritize and address these and other intercommunity drainage issues. Refer to **Table 6-6** for a list of the completed projects and planning activities.

1.2 Watershed Management Purposes

The WMO developed the following vision statement on December 23, 2009:

> *"Water resources and related ecosystems are managed to sustain their long-term health and integrity through member city collaboration and partnerships with other water management organizations with member city citizen support and participation."*

The general purposes for the 3rd Generation Plan include the following purposes consistent with the Metropolitan Surface Water Management Act and Minnesota Statutes 103B.201.

- Protect, preserve, and use natural surface and groundwater storage and retention systems.
- Minimize public capital expenditures needed to correct flooding and water quality problems.
- Identify and plan for means to effectively protect and improve surface and groundwater quality.
- Establish more uniform local policies and official controls for surface and groundwater management.
- Prevent erosion of soil into surface water systems.
- Promote groundwater recharge.
- Protect and enhance fish and wildlife habitat and water recreational facilities.
- Secure other benefits associated with the proper management of surface and groundwater.

In addition, the WMO has developed the following purposes:

- Assist member cities in achieving current and future water quality and water quantity regulations collaboratively, equitably, and cost-effectively for all members within the watershed.
- Identify and effectively communicate member concerns to other government jurisdictions to better align their policies and activities with those of the WMO and its members.
- Educate citizens about the use, protection, and management of water resources and engage them in WMO water management programs and decision making.

- Consider potential impacts of WMO decisions on natural resources and habitat.

- Govern the WMO with a citizen led Board and keep regulation at the local level – the WMO will not administer a permit program.

- Assist member communities with *intercommunity* runoff and water resource management issues. The WMO, at the discretion of the Board, may also work with individual member cities to address water resource issues within individual city boundaries. This may include but is not limited to monitoring of water bodies or outlets to the Mississippi River.

- Assess performance of the WMO and the member cities toward achieving the goals stated in this plan.

- Provide member cities with useful information about the WMO, its activities, and water resource management.

In an effort to achieve the purposes of the WMO; goals, strategies, and policies have been developed for water quantity, water quality, recreation, fish and wildlife habitat, wetlands, groundwater protection, erosion and sedimentation, education, and WMO administration. These goals, strategies, and policies are provided in **Section 5**.

1.3 WMO Management Structure, Powers, Duties and Agreements

The WMO Board of Managers (Board) consists of seven managers appointed by their respective municipalities. Each city appoints one manager and one alternate to serve at the pleasure of the city. Each manager has one vote, however in certain cases, the JPA provides for a weighted vote system. Regular meetings are held every month on the third Thursday at various member city facilities. The public is invited to attend the WMO Board meetings.

Each year, the Board authorizes and obtains an audit of the WMO's financial records. The Board also reviews and approves an annual budget.

The JPA between the member cities of the WMO went into effect on October 25, 1985. The authority of the WMO is established by Minnesota Statutes 103B and by the JPA. The JPA was revised and restated in 2001. The current JPA is included in **Appendix B**. The powers and duties of the WMO, as stated in the JPA, include, but are not limited to:

1. Prepare and adopt a watershed management plan meeting the requirements of Minnesota Rules Chapter 8410.

2. Review and approve local water management plans as defined in Minnesota Rules Chapter 8410.

3. Review local land use and development at the request of a municipality, in the absence of an approved local water management plan, or for projects requiring a variance from the adopted local water management plan or implementation program.

4. Conduct surveys (or use other information) and develop projects to accomplish the WMO's purposes.

5. Establish and maintain devices for acquiring and recording hydrological and water quality data.

6. Enter upon lands to make surveys and investigations to accomplish the WMO's purposes.

7. Acquire, operate, construct and maintain the drainage system improvements delineated in the capital improvement programs adopted by the WMO Board.

8. Accumulate reserve funds and invest funds not currently needed for WMO operations.

9. Collect money from the WMO members and from any other WMO-approved source.

10. Obtain an annual audit of the books and accounts of the WMO.

11. Make contracts, employ consultants, incur expenses and make expenditures.

12. Enter into contracts or cooperate with governmental agencies, private/public organizations, or individuals to accomplish the WMO's purposes.

13. Contract for or purchase insurance.

14. Adopt an annual general administrative budget.

15. Apportion/allocate costs of capital improvements (including engineering, legal and administrative costs) listed in the WMO watershed management plan, based on "allowable flow" or other cost sharing allocations determined by the WMO Board of Managers.

1.4 Plan Organization

The Lower Mississippi River WMO *Watershed Management Plan* sets the course for the WMO in managing stormwater runoff and the quality of the WMO water resources. The plan outlines the regulations involved, assesses specific and watershed-wide issues, sets goals and policies for the WMO and its resources and lists implementation tasks to achieve the goals. The plan also discusses the financial considerations of implementing the plan and other funding sources that may be available to the WMO and/or its member cities. The WMO plan is organized into the following sections:

Section 1.0 Executive Summary – states the authority and composition of the Lower Mississippi River Watershed Management Organization, the purpose of the Surface Water Management Act and the components of this watershed management plan.

Section 2.0 Land and Water Resource Inventory – presents information about the WMO's climate, precipitation, topography, soils, geology, groundwater, land use, public utilities, surface waters, natural communities and rare species, and pollutant sources. This is the basic information that describes the surface and subsurface conditions of the WMO.

Section 3.0 Agency Coordination – lists many of the agencies that have rules and regulations related to water resources within the WMO.

Section 4.0 Problems and Approaches for Addressing Problems – outlines existing and potential water resource management issues within the WMO and identifies the approaches for improvement for each issue. Approaches for improvement are included in the WMO implementation program.

Section 5.0 Goals, Strategies, and Policies – outlines the purposes of the WMO and the vision for its water resources. This section sets goals for water quantity, water quality, recreation, fish and wildlife habitat, wetlands, groundwater protection, erosion and sedimentation, education, and administration. The goals are followed by strategies and policies that provide methods for achieving goals and serve as decision making guidelines.

Section 6.0 Implementation Program – presents the programs, studies, and capital improvements proposed to address the existing and potential water resource management issues within the WMO. The cost of each implementation element, possible funding mechanism, and the anticipated year for completion is also outlined.

Section 7.0 Impact on Local Government - discusses the conformance of local governmental water resource management plans to this watershed management plan.

Section 8.0 Amendment Procedures - discusses the procedure to be followed should it be necessary to amend this plan. This procedure would be invoked only for major changes that would directly affect water resource management within the member cities.

Section 9.0 References - contains a list of all documents incorporated into this plan by reference or other documents which are referred to in this plan as containing information helpful in the management of WMO water resources.

Section 10.0 Glossary of Acronyms - contains a list and description of acronyms used in this plan.

2.0 Land and Water Resource Inventory

The Lower Mississippi River Watershed Management Organization is surrounded by valuable water and land resources. Protecting and enhancing these important resources is a high priority for the WMO and the surrounding area. Refer to **Figure 1** for a location map of the WMO. Information has been collected regarding land and water resources for the WMO from a variety of sources. This section of the plan provides a general description and summary of the climate, surficial topography, soils, geology, surface and ground water resource data, land use and public utilities, public waters and wetlands, public areas for water-based recreation, fish and wildlife habitat, unique features and scenic areas, pollutant sources, and water resource problem areas. More information can be obtained from Dakota County and Ramsey County websites.

2.1 Climate and Precipitation Data

The Twin Cities metropolitan area climate is a humid continental climate, with moderate precipitation, wide daily temperature variations, warm humid summers and cold winters. The growing season varies from 142 days to 202 days, averaging 166 days. Freezing temperatures may occur until the middle of May and after the middle of September.

The nearest "first order" weather recording station is the Minneapolis/St. Paul Metropolitan Airport Station of the U.S. National Oceanic and Atmospheric Administration. The data from this installation is of highest value and accuracy. The National Weather Service forecast office for the metropolitan area, located in Chanhassen, also records weather data. Several Minnesota State Climatological network stations also exist and provide more detailed local weather data, kept by the Minnesota State Climatologist.

The highest temperature on record at the airport station to date was 108ºF, set in 1936, and the lowest temperature was -34ºF, set in 1936. The extreme conditions tell little except that temperatures range from uncomfortably hot to bitterly cold. The average annual temperature at the airport station is 44.9ºF. Average total annual precipitation at the airport is 29.0 inches (1961-2009 average). **Table 2-1** gives a precipitation summary for the airport station. Generally, the summer precipitation far exceeds that of the winter, the summer rainfall usually being sufficient for proper plant growth. From May to September, the growing months, the average rainfall is 18.0 inches, or about 62 percent of the normal annual precipitation.

Table 2-1. Precipitation Summary – Minneapolis/St. Paul Airport Station

Averages: 1961-2009 Extremes: 1891-2009

Total Precipitation, Inches					Snow, inches		Average # Days with Precip		
Month	Mean	High—Yr	Low—Yr	1-Day Max	Mean	High—Yr	0.1"	0.5"	1"
January	0.95	3.63 1967	0.05 1892	1.21 24/1967	12.4	46.4 1982	3.7	0.8	0.5
February	0.81	3.25 1922	0.03 1894	1.90 24/1930	8.7	26.5 1962	3.1	1.1	0.7
March	1.88	4.75 1965	0.09 1910	1.62 1/1965	11.2	46.1 1965	4.9	1.2	0.4
April	2.50	7.00 2001	0.16 1987	2.22 27/1975	2.8	21.8 1983	6.1	1.9	0.5
May	3.40	10.92 1942	0.21 1934	3.59 29/1942	0.1	2.4 1954	7.6	2.6	1
June	4.10	9.82 1990	0.22 1988	2.91 7/1984	0	0.0 1949	7.5	3	1.2
July	3.65	17.90 1987	0.11 1936	9.15 23/1987	0	0.0 1948	6	2.7	1.1
August	3.95	9.32 2007	0.20 1925	7.28 30/1977	0	0.0 1948	6.8	3	1.8
September	2.87	7.77 1903	0.41 1940	4.96 12/1903	0	0.4 1985	6.1	2.2	1.1
October	2.33	6.42 1911	0.01 1952	2.75 19/1934	0.6	8.2 1991	4.7	1.6	0.7
November	1.56	5.29 1991	0.02 1939	2.52 11/1940	7.4	46.9 1991	3.8	1.1	0.4
December	1.03	4.27 1982	0.00 1943	1.50 14/1891	10.6	33.5 1969	3.2	0.6	0.2
Annual	29.03	41.53 2002	11.54 1910	9.15 7/23/87	53.8	101.5 1983	63.5	21.8	9.6

The annual snowfall averages about 54 inches, equivalent to about 5.4 inches of water. The heaviest monthly snowfall recorded to date at the Minneapolis/St. Paul International Airport was 46.4 inches of snow for the month of January 1982. The area averages 40 to 45 days per year when the snow depth is six inches or greater and about 20 days per year when the snow depth is more than 12 inches. Runoff from snowmelt can occur anytime during the winter, but the most severe snowmelt runoff conditions usually occur in March and early April.

Average weather imposes little strain on the typical drainage system. Extremes of precipitation and snowmelt are important for drainage design. The National Weather Service has data on extreme precipitation events that can be used to aid in the design of drainage systems. Extremes of snowmelt most often affect major rivers, the design of stormwater storage areas, and landlocked basins, while extremes of

precipitation most often affect the design of conveyance facilities. Refer to **Figure 2** for the 1% chance of rainfall event (100-year storm) across Minnesota and **Figure 3** for the annual normal precipitation across Minnesota.

There are recent concerns that the increase in urban development and resulting "heat island" effect is contributing to more frequent, high intensity storm events. These storm events can produce large amounts of runoff which may exceed storm sewer designs and result in flooding. Substantial increases of storm events above the 95th percentile since 1950 have been observed, however, only a few regions have enough data to assess such trends. As the average temperature has risen slightly precipitation has also increased[1]. Some Climatologists predict there will be more of an increase in extreme events than mean precipitation[2]. The National Oceanic and Atmospheric Administration (NOAA) Atlas 14 is currently being drafted and is expected to be completed in 2012. This document will take the place of TP-40 for predicting frequency and intensity of rainfall events once it is completed. NOAA Atlas 14 will use only actual rainfall data and will not use predictions to calculate rainfall frequency and intensity estimates.

Additional climatological information can be obtained from the State Climatologist website at http://www.climate.umn.edu/.

2.2 Topographic Data

The WMO topography is characterized by rolling to hilly terrain interspersed with poorly drained depressions that form many ponds and lakes. The Mississippi River bluffs and the ravines that cut through them form the main areas of steep slope. Steep slopes are also found around the ponds and depressions in the southern two-thirds of the watershed. Flat and relatively flat areas can be found along the Mississippi River flood plain and above the bluffs in south and central South St. Paul.

The bluffs, ravines, and other steep slopes are usually wooded or overgrown with underbrush. These steep-sloped areas are not suitable for development. However, they are important because of the wildlife they support and their natural beauty. Erosion can be a problem in areas of steep slope.

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[1] Solomon, S., D. Qin, M. Manning, R.B. Alley, T. Berntsen, N.L. Bindoff, Z. Chen, A. Chidthaisong, J.M. Gregory, G.C. Hegerl, M. Heimann, B. Hewitson, B.J. Hoskins, F. Joos, J. Jouzel, V. Kattsov, U. Lohmann, T. Matsuno, M. Molina, N. Nicholls, J. Overpeck, G. Raga, V. Ramaswamy, J. Ren, M. Rusticucci, R. Somerville, T.F. Stocker, P. Whetton, R.A. Wood and D. Wratt, 2007: Technical Summary. In: *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

[2] Hegerl, G.C., F. W. Zwiers, P. Braconnot, N.P. Gillett, Y. Luo, J.A. Marengo Orsini, N. Nicholls, J.E. Penner and P.A. Stott, 2007: Understanding and Attributing Climate Change. In: *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Dakota County has two-foot and Ramsey County has one-foot contour interval topographic mapping available. There are also 10-foot contour interval topographic maps available from the U.S. Geological Survey. Refer to **Figure 4** for a contour map showing 10-foot contours across the WMO.

2.3 Soils Data

Soil composition, slope and land management practices determine the effect of soils on stream and lake water quality. Soil composition and slope are important factors affecting the rate and amount of storm water runoff. The shape and stability of aggregates of soil particles—expressed as soil structure—influence the permeability, infiltration rate, and erodibility of soils. Slope is important in determining storm water runoff rates and hence susceptibility to erosion.

Infiltration capacities of soils affect the amount of direct runoff resulting from rainfall. The higher the infiltration rate for a given soil is, the lower the runoff potential. Conversely, soils with low infiltration rates produce high runoff volumes and high peak discharge rates. The hydrologic soil classification map in **Figure 5** shows the estimated distribution of soils as determined by the Natural Resource Conservation Service (NRCS). The five soil classifications are defined as follows:

Group A - These soils have high infiltration rates even when thoroughly wetted. These soils consist chiefly of deep, well drained to excessively drained sands and gravel. Group A soils have a high rate of water transmission, therefore resulting in a low runoff potential.

Group B - These soils have moderate infiltration rates. Group B soils consist of deep moderately well to well drained soils with moderately fine to moderately coarse textures.

Group C - These soils have slow infiltration rates. These soils typically consist of clayey gravel or clayey sand.

Group D - These soils have very slow infiltration. Group D soils are typically clay soils with high swelling potential, soils with high permanent water table, soils with a clay layer at or near the surface, or shallow soils over nearly impervious material.

Urban - These soils have been greatly affected by development and are frequently compacted, cut, and filled, resulting in variable runoff rates and a poor environment for plant growth.

The hydrologic grouping symbols (A-D) are combined with land use and used to estimate the amount of runoff that will occur over a given area for a particular rainfall amount. As land is developed for urban use, much of the soil is covered with impervious surfaces, and soils in the remaining areas are significantly disturbed and altered. Development often results in consolidation of the soil and tends to reduce infiltration capacity of otherwise permeable soils, resulting in significantly greater amounts of runoff.

With the exception of the Mississippi River floodplain, the soils in the WMO generally consist of well-drained soils formed in loamy and sandy glacial till and outwash. The subsoils in the watershed are generally sand. The following is a percentage breakdown of each soil group in the WMO:

Group A – 7.8% **Group B –** 57.6%

Group C – 2.6% **Group D –** 1.0%

Urban – 31.0%

The Dakota County and Ramsey County soil surveys contain maps showing generalized and detailed soils information. The following generalized soil and land descriptions are taken from the county soil maps.

Most of the soil along the Mississippi River is "alluvium," which is either a silty, sandy, or loamy soil on nearly level floodplains or fill material on wet substratum. The mapping unit indicates soils that are nearly level to very gently sloping, generally poorly-drained and located in floodplain areas. In Ramsey County, this soil type is generally covered with fill material 2 feet thick or more. However, this soil is still considered poorly drained because of the underlying poorly drained soil and nearly level land surface.

The "urban land" designation in the City of St. Paul includes the Chetek and Mahtomedi soil groups. The soils have been disturbed and reworked by urbanization. This land can be level or very steep. The soils, generally associated with uplands, tend to be excessively drained with a moderately coarse texture.

The most prevalent general soil type in the WMO is "loamy and sandy soil," which is a combination of the Kingsley-Mahtomedi soil groups. This loamy and sandy soil is well drained and moderately coarse textured. It is found on gently sloping to very steep land, much of it urban, and is also found on uplands.

The "silty, loamy, and sandy soil" unit is the Waukegan/Wadena/Hawick group. It is a silty, loamy and sandy soil, well drained to excessively drained, found on level to very steep land on outwash plains and terraces.

Much of the watershed is urbanized, which changes the character of soil — typically resulting in decreased infiltration rates for sandy areas. Grading, plantings, and tended lawns tend to dominate the landscape in urbanized areas and may become more important factors in runoff generation than the original soil type. The topography of the watershed, characterized by numerous small depressions and steep slopes, causes the watershed to be well drained and the surficial soils to have less impact on runoff generation than would be true for flat or gently rolling terrain.

More information about soils can be obtained from the Dakota County and Ramsey County soil surveys.

2.4 Geology and Groundwater Resources

2.4.1 Geology

The geology of the WMO consists of Quaternary deposits directly overlying Cambrian or Ordovician bedrock formations. This sequence is depicted in the generalized regional stratigraphic column shown in **Appendix C**. The stratigraphic column shows the vertical relationship of the units, their approximate thickness and their water-bearing capabilities.

The subcropping bedrock units in the WMO are the Decorah shale, the Platteville and Glenwood shale, the St. Peter sandstone, the Prairie du Chien dolomite, the Jordan sandstone, and the St. Lawrence shale. Subcropping bedrock is the first bedrock encountered below the overlying soils. The youngest subcropping bedrock units, such as the Decorah shale, occur in the northern part of the WMO, while the older subcropping bedrock units, such as the Jordan Sandstone, occur in the southern part of the WMO. All of these bedrock units are sedimentary rocks deposited by shallow seas during late Cambrian and Ordovician times, approximately 500 million years ago. The bedrock formations form part of a gently sloping bowl-like structure centered under the Minneapolis-St. Paul metropolitan area, known as the Twin Cities basin. The Dakota County and Ramsey County geologic atlases contain more information about the subcropping bedrock units. Refer to **Figure 6** for a map showing the depth to bedrock throughout the watershed.

Glacial deposits of varying thickness cover most of the bedrock in the watershed area. The thickest deposit lies over the extensive buried bedrock valley located in southern Inver Grove Heights. The bedrock valley was carved during the Pleistocene era by advancing and retreating glaciers and by erosion from streams inhabiting the valley during inter-glacial periods. Later, this valley was buried under thick deposits of stream and glacial sand and gravel. The deposits that buried the bedrock valley are approximately 400 feet thick, even 500 feet thick or more in places, while the glacial deposits in the northern and eastern parts of the WMO are less than 50 feet thick, with exposed bedrock along the cliffs of the Mississippi River banks.

2.4.2 Groundwater Resources

Two types of aquifers are present in the Lower Mississippi River WMO: surficial and bedrock aquifers. The following paragraphs provide general information about the aquifers in the WMO. For more information, refer to the Dakota County and Ramsey County geologic atlases, the *Dakota County Groundwater Protection Plan*, and the *Ramsey County Ground Water Quality Protection Plan.* **Figure 7** shows the type and location of the DNR permitted groundwater appropriations sites within the WMO. Updated information on groundwater appropriations is available at http://www.dnr.state.mn.us/waters/watermgmt_section/appropriations/wateruse.html.

Surficial Aquifers

Surficial aquifers are water-bearing layers of sediment, usually sand and gravel, which lie close to the ground surface. Many domestic and some irrigation wells in the watershed draw water from these aquifers. Since the surficial aquifers are more

susceptible to pollution, they are not used for municipal or public supply wells. In some locations in the WMO, the aquifer could provide sufficient water yield for some non-potable industrial uses.

Recharge to the surficial aquifers is primarily through the downward percolation of local precipitation. Some surficial aquifers may also be recharged during periods of high water levels. Surficial aquifers may discharge to local lakes, streams or to the underlying bedrock.

A large number of ponds and lakes are scattered throughout the southern part of the watershed and recharge the groundwater. Many of these water bodies are landlocked and their only outlet is to the groundwater. Some of the landlocked water bodies are probably perched above the regional level of the shallow groundwater in the watershed.

Refer to **Figure 8** for an approximation of the depth to groundwater throughout the watershed. The depth to groundwater was interpolated using known land elevation data and known groundwater elevation information. A groundwater elevation raster (digital image) was created using known lake, wetland, and soil boring information. The depth to groundwater was then calculated by subtracting the groundwater elevations from ground elevations throughout the WMO. Groundwater elevations were then verified using well data from the County Well Index and water table elevation contours from the Ramsey and Dakota County Geologic Atlases. For exact groundwater information it is suggested that soil borings be performed at the desired location.

Bedrock Aquifers

Five major bedrock aquifers are available for water supply in the WMO. The major bedrock aquifers are, in order of use and development: (1) Prairie du Chien-Jordan, (2) Mount Simon-Hinckley, (3) Franconia-Ironton-Galesville, (4) St. Peter, and (5) Platteville. The aquifer used most often for water supply in the area is the Prairie du Chien-Jordan aquifer. The Prairie du Chien-Jordan aquifer is high yielding, more easily tapped than deeper aquifers, has very good water quality and is continuous throughout most of the area.

The groundwater level in the Prairie du Chien-Jordan aquifer varies from less than 700 feet to more than 800 feet above mean sea level as shown in the county geologic atlases. The aquifer is recharged in areas where thin permeable drift overlies the limestone layers. Some recharge of this aquifer occurs locally from percolation through the overlying glacial deposits or St. Peter sandstone. However, hydrogeologic considerations suggest this recharge would be a minimal contribution to the aquifer flow. Regional recharge of the Prairie du Chien-Jordan aquifer occurs to the south, in Freeborn and Mower Counties. Groundwater movement in the aquifer is generally from south to north, toward the Minnesota and Mississippi Rivers. The drift-filled bedrock valley in the southern portion of the area cuts deeply into the Prairie du Chien-Jordan aquifer, creating a direct connection between the aquifer and the surficial groundwater in the glacial drift. Hence, any contamination percolating through the glacial drift in the bedrock valley may enter the bedrock aquifer system.

The aquifer with the highest water quality and highest possible yields is the Mt. Simon-Hinckley aquifer, but it is more expensive to use than the Prairie du Chien-Jordan because of its greater depth and there are limitations to its use. Minnesota statutes limit appropriations from the Mt. Simon-Hinckley aquifer to potable water uses, where there are no feasible or practical alternatives, and where a water conservation plan is incorporated with the appropriations permit. The water level of the Mt. Simon-Hinckley has been nearly constant, having a head of about 700 feet above mean sea level (artesian conditions are most likely present in areas where ground elevations are close to or less than 700 feet). Recharge of the Mt. Simon-Hinckley takes place far north of the watershed, where the bedrock is closer to the surface, and occurs by percolation through the overlying drift and bedrock. Groundwater movement in the aquifer is generally to the southeast. The local direction of groundwater flow in the Twin Cities area tends to be toward the western suburbs, due to pumping of the aquifer.

The City of Inver Grove Heights obtains its municipal water from the Prairie du Chien - Jordan and the Mount Simon Hinckley aquifers, and the City of South St. Paul obtains its water from the Prairie du Chien-Jordan aquifer.

2.5 Land Use and Public Utilities

Figure 9 shows existing land use in the WMO. The land use map shows most of the land use in the watershed is residential, with concentrated areas of commercial development along Robert Street, Highway 110, and Concord Avenue, business and industrial areas along the river, and large amounts of undeveloped land in Inver Grove Heights. **Figure 10** shows the anticipated future land use in the WMO. The land use maps show that most of the land use changes are projected to occur in the southern half of the WMO, in the form of new development. Smaller land use changes, mostly in the form of redevelopment, are anticipated in the remainder of the watershed.

The Cities of Lilydale, Mendota Heights, St. Paul, South St. Paul, Sunfish Lake and West St. Paul are entirely within the Metropolitan Urban Service Area (MUSA). The MUSA is the area delineated by the Metropolitan Council in their *Regional Blueprint*, where urbanization is expected to occur and where metropolitan service systems (particularly sewer and major highways/interchanges) will be provided to accommodate growth. About 44% of the land in the City of Inver Grove Heights lies within the 2010 MUSA boundary. Refer to **Figure 9** for the 2010 MUSA boundary and **Figure 10** for the projected 2030 MUSA boundary in the WMO.

The Cities of St. Paul, Lilydale (supplied by Mendota Heights), Mendota Heights, and West St. Paul obtain their municipal water through the St. Paul Regional Water Utility, which obtains most of its water from the Mississippi River. The Cities of South St. Paul and Inver Grove Heights obtain their municipal water supplies from groundwater aquifers. Areas of large lot development (outside the MUSA) within the City of Inver Grove Heights and a few areas within the City of Mendota Heights and the City of Lilydale are served by private individual wells. Although the City of Sunfish Lake is located within the MUSA, private individual wells and on-site septic systems serve the residents of Sunfish Lake. The City of Sunfish Lake has no plans to provide either public water or sanitary sewer services in the future.

2.6 Surface Water Resource Information

2.6.1 Public Waters (Lakes, Wetlands, Streams, Ditches) and Wetlands

Figure 11 shows the DNR-protected waters located in Lower Mississippi River WMO. As seen in the figure, none of the DNR-protected waters are streams, and there are no public ditches in the WMO. **Figure 12** shows the wetlands identified in the National Wetlands Inventory (NWI) and other water bodies. There may be additional wetlands (especially those smaller than 0.5 acre) in the WMO that are not included in the inventory.

The City of Inver Grove Heights' *Natural Resource Inventory and Management Plan for the Northwest Expansion Area* (2004), *Stormwater Manual for the Northwest Area* (2006), and the *Draft Southwest Area Wetland Inventory and Assessment (2002)* contain an inventory and detailed information about the wetlands located in the City. The City of Inver Grove Heights' 1990 wetland inventory, completed by the Dakota Soil and Water Conservation District, identifies over 350 wetlands 0.5 acres and larger. The City of Mendota Heights' *Local Surface Water Management Plan* (2006) contains an inventory and detailed information about all wetlands in the City. The City of St. Paul completed a *Wetland Management Plan* (2008) to address the wetlands throughout the City.

The following paragraphs present information for some of the water bodies within the WMO. Increased water quality monitoring information is needed to more accurately classify many of the water bodies and to establish water quality trends. Refer to **Appendix D** for the MPCA's inventory of public waters located in the WMO. The table also classifies some of the water body types according to the MPCA's classification system.

Mississippi River

The Mississippi River borders the majority of the Lower Mississippi River WMO and is a significant resource for the area. As the water source for the City of St. Paul, a national "Heritage River", and a national park this area, the water quality of the Mississippi River is of local, regional, state, and national concern. The Mississippi River is the largest river system in the United States and provides essential benefits including but not limited to transportation, recreation, and ecology. The Lower Mississippi River WMO Board recognizes the importance of improving the quality of the stormwater runoff reaching the Mississippi River from the WMO.

There are three reaches of the Mississippi River that border the Lower Mississippi River WMO, each of which is listed as impaired by the MPCA. The first reach (AUID – 07010206-505), from the Minnesota River to the Metro Waste Water Treatment Plant (River Mile 844 to 835), is impaired due to Fecal Coliform (1996), Polychlorinated Biphenyls (PCB) in fish tissue (1998), Perfluorooctane Sulfonate (PFOS) in fish tissue (2008), Turbidity (1998), and Mercury in fish tissue and water column (1998). The second reach (AUID – 07010206-504), from the Metro Waste Water Treatment Plant to Rock Island Railroad Bridge (River Mile 835 to 830), is impaired due to PCB in fish tissue (1998), PFOS in fish tissue (2008), Turbidity (1998), and Mercury in fish tissue and water column (1998). The third reach (AUID – 07010206-502), from the Rock Island Railroad Bridge to Lock & Dam #2 (River Mile

830 to 815.2), is impaired due to PCB in fish tissue (1998), PFOS in fish tissue (2008), Turbidity (1998), and Mercury in fish tissue and water column (1998). The year in parenthesis is the year the reach was placed on the impaired waters inventory. Refer to the MPCA's website for information on individual Total Maximum Daily Loads (TMDL) start and completion dates.

Sunfish Lake (ID #19-0050-00)

Sunfish Lake, a 51-acre lake located in the City of Sunfish Lake, supports some fishing and swimming, but there is no public access or adjoining public parks. The City has no plans to provide public access or acquire adjacent land for parks. Sunfish Lake has a high overflow outlet, constructed in about 1997**,** that carries water to Friendly Marsh and Interstate Valley Creek. The outlet is located above the Ordinary High Water (OHW) elevation, so there is typically no discharge from the lake. Sunfish Lake was listed by the MPCA as impaired due to nutrients/eutrophication biological indicators in 2010 and has a TMDL target start date of 2012 and target completion date of 2014.

Water quality data (including Phosphorus, Chlorophyll, Secchi Disk, Temperature, Total Kjeldahl Nitrogen, Pheophytin-a) is available from 1973, 1984, 1985, 1986, 1991, 1994, 1995, 1997, 2006, 2007, and 2008. Not all parameters are available for each year.

Hornbean Lake (ID #19-0047-00)

Hornbean Lake is a 20-acre lake that straddles the Sunfish Lake/Inver Grove Heights border, just north of I-494. It is surrounded by land that is either currently low density residential or will be low density residential in the future. The lake receives runoff from I-494, in addition to the residential land uses. There is no public access or adjoining public parks and neither City has plans to provide future public access or acquire adjacent land for parks. Phosphorus, Chlorophyll, and Secchi disk data are available from water quality sampling conducted from 1999 to 2008.

Horseshoe Lake (ID #19-0051-00)

Horseshoe Lake is a 15-acre lake that lies in the southeast corner of the City of Sunfish Lake, adjacent to I-494 and Robert Trail. The Horseshoe Lake outlet is located at the southeast corner of the lake; water discharges under 60th Street and flows to small ponds in Inver Grove Heights. The lake is surrounded by land that is either currently low density residential or will be low density residential in the future. There is no public access or adjoining public parks and neither Sunfish Lake nor Inver Grove Heights plans to provide future public access or acquire adjacent land for parks. Phosphorus, Chlorophyll, Secchi disk, Temperature, Total Kjeldahl Nitrogen, and Pheophytin-a data are available from water quality sampling conducted in 2006, 2007, and 2008. The relatively good water quality of Horseshoe Lake indicates the lake is not a major contributor of nutrients to the downstream system.

Seidl's Pond (ID #19-0095-00)

Seidl's Pond is a 4-acre pond located in both South St. Paul and Inver Grove Heights. The lake is surrounded by parkland in both cities, which is heavily wooded with steep topography. Seidl's Pond has no surface water outlet (it is "landlocked").

Phosphorus, Chlorophyll, Secchi disk, Temperature, Total Kjeldahl Nitrogen, and Pheophytin-a data is available from 1993-2008. Not all parameters are available for each year.

Pickerel Lake (ID #19-0079-00)

Pickerel Lake, a 78-acre lake located in Lilydale and St. Paul, is in the Lilydale-Harriet Island Regional Park complex. In addition to the park, land use in the watershed is mostly low density residential. Ivy Falls Creek (and its watershed) discharges into Pickerel Lake. Pickerel Lake also receives drainage from the wetland south of the lake, in the Central Highway 13 watershed. Pickerel Lake discharges to the Mississippi River. When river levels are high enough, the Mississippi River backs up into Pickerel Lake, which can greatly affect the water quality of the lake. Pickerel Lake was listed as impaired due to mercury by the MPCA in 2010 and is part of the state-wide TMDL for mercury.

There is a public access on the lake. Improvements including fish stocking, a nature/interpretive center, a parking area, and other public improvements are proposed for completion in 2011. There is minimal water quality data available for Pickerel Lake; however, the MPCA used volunteers to assess water quality in Pickerel Lake in 2010 and 2011.

Simley Lake (ID #19-0037-00)

Simley Lake is an 11-acre lake located in Inver Grove Heights. There is a small city park, comprised of the island in the middle of the lake. Access to the park is limited to a pedestrian trail to the island. There is no public access on the lake. Land use in the watershed includes a high school, commercial, and residential land uses. Most of the watershed is developed. Phosphorus, Chlorophyll, Secchi disk, Temperature, Total Kjeldahl Nitrogen, and Pheophytin-a data is available from 1995-2002. Not all parameters are available for each year.

Dickman Lake/Loch Gregor (ID #19-0046-00)

Dickman Lake/Loch Gregor is a 20-acre lake located in northwestern Inver Grove Heights. The lake's tributary area is primarily from Inver Grove Heights but also includes a small portion of the City of Sunfish Lake, between I-494 and Robert Trail. There is no outlet from Dickman Lake/Loch Gregor. Existing land use in the watershed includes low density residential, park land, and undeveloped land. Future land use in the watershed will convert the undeveloped land to low density residential land use. There are no parks or public access on the lake. Water quality data (Phosphorus, Chlorophyll, Secchi disk, Temperature, Total Kjeldahl Nitrogen, Pheophytin-a, pH, Dissolved Oxygen, Total Suspended Solids, Turbidity) is available for this lake from 1996 and 1997, which indicates the lake is hypereutrophic. The WMO also monitored the Lake in 2010.

Thompson Lake (ID #19-0048-00)

Thompson Lake is a 7-acre lake located in the City of West St. Paul. Thompson Lake is the centerpiece for the popular Thompson County Park. The area has numerous trails, a fishing pier, a community center, and a picnic shelter. Monitoring performed by the City of West St. Paul and Dakota County has determined that lake

sediments contain concentrations of polycyclic aromatic hydrocarbons (PAHs) at levels that prevent reuse of the sediment on residential or industrial properties. A feasibility study needs to be completed to address the PAHs and help determine the upstream source of the pollution. The County and City are working to secure funding to remove the sediment with high PAH concentrations.

Rogers Lake (ID #19-0080-00)

Rogers Lake, a 107-acre lake located in Mendota Heights, formerly supported a public swimming beach and is popular among local residents for panfish fishing. Although there is no public access on this lake, there is a City park on the lake with picnic grounds, trails, and play areas that also provides opportunities for non-motorized boating. Land uses in the watershed are highway, low density residential and park land. Outflows from the lake reach Friendly Marsh and Interstate Valley Creek. Phosphorus, Chlorophyll, Secchi disk, Temperature, and Total Kjeldahl Nitrogen data is available for this lake from 2009.

Marcott Lakes (IDs #19-0042-00, #19-0041-00, #19-0040-00, #19-0039-00)

There are no public access points or adjoining park land for any of the Marcott chain of lakes in Inver Grove Heights. Land use in the watershed is currently a mixture of low density residential, highway, and undeveloped land. The undeveloped land is proposed to be low density or rural density residential in the future. Water quality data is available for Marcott (Rosenberger) Lake (DNR #19-0041), a 22-acre lake at the north end of the chain. Based on data from 1995, 1996, 1997,1998, 2000, 2001 and 2002, the lake water quality is very good. Highway runoff and slope failures have threatened the water quality of Rosenberger Lake in the past. Secchi disk transparency data is available for 27-acre Marcott Lake II (Ohman's Lake, DNR #19-0042) for 1988 and 1989 and water quality data (Phosphorus, Chlorophyll, Secchi disk, Temperature, Total Kjeldahl Nitrogen, Pheophytin-a, pH, Dissolved Oxygen, Total Suspended Solids, Turbidity) is available from 1997.

Schmitt Lake (ID #19-0052-00)

Schmitt Lake is a 57-acre lake located in northern Inver Grove Heights, near the intersection of I-494 and Robert Trail South. There is no public access on the lake. Fishing for northern pike and bluegills is popular at Schmitt Lake. Existing land use in the watershed includes commercial, low and high density residential, and undeveloped land. The WMO monitored Schmitt Lake in 2010. Phosphorus, Chlorophyll, and Secchi disk data is available from 2010.

Golf Course Pond (ID #19-0049-00)

This 14-acre pond is located in Inver Grove Heights. Southview Country Club is adjacent to the pond. Other land uses in the watershed include mostly low density residential, with a small amount of medium density residential. There is no public access on the pond. The only water quality data available are Secchi disk transparencies for 1988, which show the pond to be hypereutrophic.

Other Water Bodies: McGroarty Pond (ID #19-0035-00), Gun Club Pond (#19-0245-00), City Hall Pond (#19-0267-00)

These water bodies, located in Inver Grove Heights, are managed by the DNR's Fishing in the Neighborhood (FiN) Program. For more information on these water bodies and other water bodies managed by the Fishing in the Neighborhood Program refer to the DNR's website www.dnr.state.mn.us.

2.6.2 Water Resources Monitoring Information

Water quality monitoring data is available for: Sunfish Lake, Horseshoe Lake, Hornbean Lake, Seidl's Pond, Dickman Lake, Golf Course Pond, Pickerel Lake, Simley Lake, Marcott Lakes, and Rogers Lake. See **Figure 13** for monitoring locations throughout the WMO. Most of the data was obtained from MPCA's EQUIS Database, including Metropolitan Council's Citizen Assisted Monitoring Program (CAMP) monitoring results. The monitoring at Seidl's Pond, Simley Lake, and Marcott (Rosenberger) Lake was completed under the Metropolitan Council's CAMP. Refer to **Appendix E** for a summary of monitoring information for water bodies in the WMO. More detailed monitoring information can be found online at http://www.dnr.state.mn.us/lakefind/index.html or at the Environmental Data Access system on the MPCA website; http://www.pca.state.mn.us.

2.6.3 2010 List of Impaired Waters (Section 303d)

The MPCA prepares a list of streams and lakes that are not meeting their intended beneficial uses (impaired waters, or 303(d) list). For water bodies on the impaired waters list, the state will be establishing a total maximum daily load (TMDL). To establish a TMDL, a study must be completed that identifies the relative contribution of all point and nonpoint sources of each pollutant that contributes to the impairment of the water body, and develops an implementation plan that reduces pollutant loads so the water body meets designated uses. As of 2010, the Minnesota Pollution Control Agency lists the following water bodies within the WMO as being impaired and the nature of the impairment is shown in parenthesis:

- Sunfish Lake *(Nutrients/Eutrophication Biological Indicators)*
- Pickerel Lake *(Mercury)*
- Mississippi River from the Minnesota River to the Metro Waste Water Treatment Plant, River Mile 844 to 835 *(Fecal Coliform, PCB, PFOS, Turbidity, Mercury)*
- Mississippi River from the Metro Waste Water Treatment Plant to Rock Island Railroad Bridge, River Mile 835 to 830 *(PCB, PFOS, Turbidity, Mercury)*
- Mississippi River from the Rock Island Railroad Bridge to Lock & Dam #2, River Mile 830 to 815.2 *(PCB, PFOS, Turbidity, Mercury)*

Figure 13 shows the impaired waters and the location of monitoring sites listed on the MPCA website.

The MPCA has not monitored for all water quality parameters or all water bodies, so there may be other water bodies considered impaired once an increased monitoring effort has been completed and they are assessed.

2.6.4 Stormwater System, Hydrologic Data, and Flooding Information

Figure 14 shows the major subwatersheds in WMO and labels the subwatersheds based on outlet status to the Mississippi River and whether or not the subwatershed is within more than one member city. The watersheds are grouped as follows:

Group A – Watershed to Mississippi River outlet that encompasses more than one city. An example is the Simon's Ravine subwatershed in South St. Paul and West St. Paul.

Group B – Watershed to Mississippi River outlet that includes only one city. An example is the South St. Paul 2 subwatershed in South St. Paul.

Group C – Watershed that currently has no outlet to the Mississippi River (landlocked), and no outlet is planned for the next 10 to 20 years. An example is the Barnes Avenue subwatershed in Inver Grove Heights.

Table 2-2 lists the subwatersheds and their areas.

Table 2-2. Major Subwatersheds in Lower Mississippi River WMO

Subwatershed Name	Area, in Acres
"A" Subwatersheds – Intercommunity subwatersheds with existing outlet to the Mississippi River	
Interstate Valley Creek	4,251
Highway 13	728
Ivy Falls Creek	708
Riverview	3,493
Simons Ravine	1,426
Wentworth Street	639
South Grove	1,016
Highway 110-494	3,078
Old Village	511
"B" Subwatersheds – Non-intercommunity subwatersheds with existing outlet to the Mississippi River	
South St. Paul 1	150
South St. Paul 2	277
South St. Paul 3	1266
Skyline Village	427
Arbor Pointe	1021
Mississippi River	901
Eagan	324
Simley Lake	566
Rosemount	443
Gun Club Lake	39
"C" Subwatersheds – Non-intercommunilty subwatersheds with no outlet to the Mississippi River planned for 10-20 years (landlocked)	

Subwatershed Name	Area, in Acres
Babcock Trail	1,174
Valley Park	427
Inver Grove Trail	426
Barnes Avenue	440
South Marcott Lakes	698
Northwest	2,466
Rich Valley	1,598
Argenta Trail	101
Albavar Path	155
Jefferson Trail	33
110th Street	2,534
Pine Bend	796

Hydrologic modeling results for each member city are contained in their water management plans: Inver Grove Heights (2008), Lilydale (2008), Mendota Heights (2006), Saint Paul (2006), South St. Paul (2004), Sunfish Lake (2009), and West Saint Paul (2006). More detailed information on the drainage within each member city can be found in these plans and can be obtained by contacting the city of interest.

Hydrologic modeling results are also available for the following intercommunity studies and projects: Highway 110-494 watershed, Simon's Ravine, Ivy Falls Creek, East Lexington Avenue, Mayfield Heights Road, and Akron Avenue. These modeling results are stored electronically and are revised/updated on an as-needed basis. This hydrologic information is available from the WMO's engineer.

Flooding information can be found in the member cities' local water management plans, along with detailed information about stormwater ponds. Additional flood information is available from the Flood Insurance Studies (FIS) for some of the WMO communities. Refer to **Figure 15** for the 100-year and 500-year FEMA floodplain locations.

2.7 Public Areas for Water Based Recreation and Access

There are numerous water bodies (see **section 2.6.1**) and parks within or near the WMO which offer recreational activities such as walking, biking, fishing, and boating. A number of recreational resources and opportunities are outlined below:

Parks: Year-round, people utilize the amenities of popular area parks. Thompson County Park, Pickerel Lake Regional Park, Seidl's Lake Park, Kaposia Park, and many others throughout the watershed are visited frequently.

Fishing/Boating: Fishing and boating are popular activities throughout the watershed. Many fishing piers are located on ponds, lakes, and along the Mississippi River. Canoeing and kayaking is also a popular form of recreation and exercise at many water bodies across the watershed. There are no public facilities on any of the basins in the

WMO for launching boats, so access is limited for those who do not live adjacent to a water body.

Trail Systems: Walking, biking, and jogging are common activities on the numerous trail systems located at area parks, along the river, and throughout the watershed.

Additional information regarding recreational opportunities within the WMO is available at the member cities' web sites.

2.8 Fish and Wildlife Habitat

The WMO contains habitat for a variety of small mammals, fish, reptiles, birds, amphibians, and insects. Maintenance of habitat for wildlife species is important in maintaining ecological stability of the WMO's natural areas. Information from the DNR indicates there is a variety of unique plant and animal life within the WMO, much of which is located in or around the area water bodies.

There are many different species of fish located in the Mississippi River and area lakes. Fish sampling information can be obtained to determine the species of fish in a given river or lake. This information can be found at www.dnr.state.mn.us/lakefind/index.html. The Mississippi River is an especially popular fishery. The DNR reports there may be over 125 species present in Pool 2 (from Ford Dam in St. Paul to the Hastings Dam) and attracts many anglers fishing for walleye, sauger, catfish, and white bass.

2.9 Unique Features

2.9.1 Scenic Areas

Scenic areas include State designated Scientific and Natural Areas, designated Scenic Areas, and Historic Areas. The WMO contains many lakes and wetlands that are the centerpiece for many scenic areas and parks. It is bordered by the Mississippi River on the entire north and east boundaries. The Katherine Ordway Natural History Study Area is adjacent to the Mississippi River, in southeast Inver Grove Heights. Other important park areas include Thompson County Park in West St. Paul and Dodge Nature Center in Mendota Heights.

2.9.2 Natural Communities and Rare Species

The Minnesota DNR Natural Heritage Information System from 2011 was queried for the WMO. The Minnesota DNR conducts the Minnesota County Biological Survey (MCBS), which identifies natural communities and rare species. The Natural Heritage Information System shows the presence of rare species in WMO along the Mississippi River in Lilydale, South St. Paul, St. Paul, and Inver Grove Heights. The survey also shows the presence of rare species in the Cities of West St. Paul and Inver Grove Heights separate from the Mississippi River corridor. In addition, there are 16 native plant communities including mesic prairies, dry sand prairies, and black ash seepage swamps within the WMO boundary. These surveys are evidence of the ecological importance of the Mississippi River corridor and critical habitats within the

member cities. **Figure 16** shows the location of MCBS Native Plant Communities and Scientific and Natural Areas.

The presettlement vegetation in the WMO consisted of river bottom forest along the Mississippi River, and as a mixture of oak openings and barrens, upland deciduous forest, and brush prairie. **Figure 17** shows the presettlement vegetation.

2.9.3 Mississippi National River and Recreational Area (MNRRA) and Mississippi River Corridor Critical Area (MRCCA)

The Minnesota State Legislature enacted the Critical Areas Act in 1973 and an executive order (79-19) was signed in 1976 declaring the Mississippi River corridor a Critical Area. The executive order states the following purposes for the Critical Area designation:

1. To protect and preserve a unique and valuable state and regional resource for the benefit of the health, safety and welfare of the citizens for the state, region, and nation;
2. To prevent and mitigate irreversible damage to this state, regional and national resource;
3. To preserve and enhance its natural, aesthetic, cultural, and historical value for the public use;
4. To protect and preserve the river as an essential element in the national, state and regional transportation, sewer and water and recreational systems; and
5. To protect and preserve the biological and ecological functions of the corridor.

The MRCCA includes 72 miles of the river, extending from the Cities of Dayton and Ramsey to just south of the City of Hastings. The boundary of the MRCCA can generally be described as from the river bluff down to the river, with the corridor width varying. The Cities of Inver Grove Heights, Lilydale, Mendota Heights, St. Paul, and South St. Paul are affected by the state Critical Areas Act and the federally designated MNRRA. **Figure 18** shows the MRCCA boundary in relation to the WMO.

In 1976, four corridor districts were established, corresponding to the following different types of land use along the Mississippi River: rural open space district, urban developed district, urban open space district, and urban diversified district. Each district has its own set of guidelines. The Critical Area Act requires that each city having jurisdiction over land within the Critical Area develop a Critical Area Plan. Executive Order 79-19 includes the rules and guidelines that each city must incorporate in its Critical Area Plan.

In 1988, the U.S. Congress designated the Mississippi River corridor as the MNRRA, a unit of the national park system. The boundaries of the MNRRA corridor are the same as the Critical Area corridor. MNRRA was established to:

1. Protect, preserve, and enhance the significant values of the Mississippi River corridor through the Twin Cities metropolitan area;
2. Encourage coordination of federal, state, and local programs; and

3. Provide a management framework to assist the state of Minnesota and local governments in the development and implementation of integrated resource management programs and ensure orderly public and private development in the area.

The Mississippi River Coordinating Commission and the National Park Service adopted the MNRRA *Comprehensive Management Plan* in 1995. This plan adopts and incorporates by reference the state Critical Area Program, Shoreland Management Program, and other applicable state and regional land use management programs. The MNRRA comprehensive plan also identifies voluntary policies that are additional to the Critical Area requirements, for the purpose of protecting and enhancing river resources. The earlier Critical Area requirements are referred to as Tier 1 criteria, whereas the additional voluntary guidelines in the MNRRA comprehensive plan are referred to as Tier 2 criteria. Although city conformance with Tier 2 criteria is not mandatory, conformance to Tier 2 criteria is necessary to receive federal grants for land acquisition and development. All of the member cities within the MNRRA corridor have comprehensive plans that conform to Tier 1 criteria, but there are varying levels of conformance with Tier 2 criteria.

In 2009 the Minnesota State Legislature directed the DNR to conduct new rulemaking for the MRCCA. The boundary of the existing corridor is not anticipated to change, however the boundaries and requirements within the corridor are expected to change. The adoption of updated rules will be mandatory by the local government units (LGUs) located within corridor boundaries. New rules for the MRCCA are in the process of being drafted and are expected to be completed shortly after the adoption of this plan.

2.10 Pollutant Sources

The MPCA identified the following types and number of environmentally contaminated sites within the WMO:

1. MPCA's List of Permitted Solid Waste Facilities (SWPERM) – 16 sites
2. MPCA's 1980 Metropolitan Area Waste Disposal Site Inventory (MDI), unpermitted dumpsites – 25 sites
3. MPCA's Voluntary Investigation and Cleanup (VIC) Unit List – 95 sites
4. MPCA's Sites Delisted from Permanent List of Priorities (DPLP) – 3 sites
5. U.S. EPA's No Further Remedial Action Planned (NFRAP) Sites, removed from CERCLIS by U.S. EPA – 8 sites
6. MPCA's Closed Landfill Sites Undergoing Cleanup – 1 site

The MPCA also identified approximately 250 reported underground storage tank leaks within the WMO.

Refer to **Figure 19** for approximate location of possible pollutant sources throughout the WMO. More information can be obtained by contacting the MPCA or going to www.mpca.state.mn.us and searching "What's in my neighborhood". The MPCA should be contacted for site-specific details.

Dakota County initiated the Site Assessment and Site Response Program to inventory, identify, evaluate and restore contaminated sites. This program complements existing State and Federal programs.

The highways in the WMO (i.e. I-35E, I-494, Highway 52, and Highway 55) present potential environmental hazards. For example, a spill on Interstate 494 could result in pollution of Schmitt Lake since the lake is located immediately adjacent to the roadway. The MPCA's spill reports show that spills have occurred in the past on Interstate 494 and Highways 52 and 55 within the WMO.

Other potential pollutant sources include industrial, office, commercial, residential and other highly impervious land uses. Stormwater runoff from these land uses could carry pollutants into the stormwater system (nonpoint source pollution), especially if there are direct inlets into the storm sewer system that do not drain first into a stormwater pond. Facilities within these land use types may be covered by a NPDES General Industrial Stormwater Permit, which requires preparation of stormwater pollution prevention plans (SWPPP) to prevent nonpoint source pollution. In addition, each member city is part of the MPCA's MS4 (Municipal Separate Storm Sewer System) program. Each member city is required to have a city wide SWPPP as part of the MS4 program requirements. Refer to the MPCA's website for the most up to date information regarding these programs.

2.11 Water Resource Problem Areas

A number of water resource problem areas, issues or concerns were identified within the WMO. The problem areas were identified through information obtained from the Technical Advisory Committee (TAC) and the Citizen Advisory Committee (CAC). Each site was analyzed and potential solutions to address the problems were developed, as detailed in **Section 4**. Refer to **Figure 20** for the location of site-specific problem areas. The following is a list and brief description of some of the water resource problem areas in the WMO.

1) Stream bank erosion along the Mississippi River – Improvements are needed to stabilize erosion-prone areas and reduce sediment loading to the river.

2) Pickerel Lake Regional Park for BMPs and Improvements – Improvements are needed to enhance water quality and provide access to high quality recreational areas.

3) PAHs present in Thompson Lake Sediments – Increased modeling and source determination needs to be completed to address PAHs.

4) Impaired Waters – The MPCA has identified Sunfish Lake, Pickerel Lake, and three reaches of the Mississippi River as being impaired.

5) Debris and Floatables at Simley Lake – Source of pollution and maintenance responsibilities need to be addressed.

6) Flooding and Erosion at Marie Ave/Dodd Rd. – Improvements need to be constructed to address erosion and reduce flood potential.

7) Erosion along Ivy Falls Creek at Thompson Ave/Delaware Ave – Feasibility study and improvements are needed to address erosion problems.

8) Erosion at Golf Course Pond – Continued monitoring of the erosion problem is needed along with potential constructed improvements.

9) Water Quality in Hornbean Lake – Implementation of BMPs in the Hornbean Lake watershed is needed to minimize the impacts of upstream development.

There are most likely additional problem areas located throughout the WMO that have yet to be identified due to a lack of monitoring. These problem areas will be identified and addressed as additional monitoring occurs.

3.0 Agency Cooperation

There are a number of local, state, and federal agencies that have rules and regulations related to water resource management. The WMO recognizes the roles of these other agencies and will cooperate, coordinate, and when possible partner with these agencies.

This Plan is in conformance with but does not restate all other agency rules that are applicable to water resource management. The following agencies deal with or regulate water resources throughout the WMO:

- Minnesota Department of Health www.health.state.mn.us
- Minnesota Pollution Control Agency www.pca.state.mn.us
- Board of Water and Soil Resources www.bwsr.state.mn.us and the Wetland Conservation Act www.bwsr.state.mn.us/wetlands/wca/index.html
- Minnesota Department of Natural Resources www.dnr.state.mn.us
- US Army Corps of Engineers www.mvp.usace.army.mi
- Minnesota Department of Agriculture www.mda.state.mn.us
- US Fish and Wildlife Service www.fws.gov
- Dakota County www.co.dakota.mn.us
- Dakota County Soil and Water Conservation District www.dakotacountyswcd.org
- Ramsey County www.co.ramsey.mn.us
- Ramsey County Soil and Water Conservation District www.co.ramsey.mn.us/cd/index.htm
- Minnesota Environmental Quality Board www.eqb.state.mn.us
- Metropolitan Council www.metrocouncil.org
- National Park Service www.nps.gov

While these other agencies' rules, policies, and guidelines are not all restated in this Plan, they are applicable to projects, programs, and planning within the WMO. The MPCA Minnesota Stormwater Manual, which is a document intended to be frequently updated, is also incorporated by reference into this Plan and can be found at www.pca.state.mn.us/water/stormwater/stormwater-manual.html.

4.0 Problems and Approaches for Addressing Problems

This section contains an assessment of existing and potential water resource-related problems within the WMO. These problems have been identified from analysis of the land and water resource data collected during the preparation of this Plan, through information provided by the WMO, information from the member cities, information obtained at the public open house, and contributions from the TAC and CAC. A description of existing and potential problems within the WMO has been listed along with potential corrective actions. The WMO implementation plan containing future planning and projects is presented in **Tables 6-1, 6-2, 6-3, 6-4**, and **6-5.** Projects and studies completed by the WMO and member cities that resolved problems and issues identified in previous plans can be found in **Table 6-6**.

Refer to **Figure 20** for the location of site-specific problem areas.

4.1 Water Quality Problems and Issues

Problem 4.1.A: The following water bodies located in the WMO have been listed as impaired by the Minnesota Pollution Control Agency:

- Sunfish Lake *(Nutrients/Eutrophication Biological Indicators)*
- Pickerel Lake *(Mercury)*
- Mississippi River from the Minnesota River to the Metro Waste Water Treatment Plant, River Mile 844 to 835 *(Fecal Coliform, PCB, PFOS, Turbidity, Mercury)*
- Mississippi River from the Metro Waste Water Treatment Plant to Rock Island Railroad Bridge, River Mile 835 to 830 *(PCB, PFOS, Turbidity, Mercury)*
- Mississippi River from the Rock Island Railroad Bridge to Lock & Dam #2, River Mile 830 to 815.2 *(PCB, PFOS, Turbidity, Mercury)*

Approach for Addressing Problem 4.1.A: The WMO and affected member cities shall work with the MPCA and other relevant agencies to address impairments, develop TMDLs, and implement TMDL plans. The WMO and its member cities shall also be prepared to incorporate the provisions of the South Metro Mississippi TSS TMDL and the Upper Mississippi River Bacteria TMDL once they are completed. The WMO will be affected by both of these implementation plans that are anticipated to be completed during the ten year life-cycle of this plan.

The mercury TMDL is a statewide study that was completed by the MPCA in 2007. Over 90% of the mercury deposition in the state originates beyond the boundaries of the State of Minnesota. The federal government will be responsible for meeting its reduction goal, while the State of Minnesota needs a 93% reduction from 1990 levels by 2025 to meet its share. The MPCA will work with an Implementation Oversight Group and Minnesota entities that release mercury into the environment.

Monitoring has not been completed for all water quality parameters or all water bodies within the WMO. As a result, other water bodies may be added to the impaired waters list once an increased monitoring effort has been completed.

Problem 4.1.B: Increased water quality monitoring is needed to better classify DNR protected water bodies in the WMO and to help establish water quality trends.

Approach for Addressing Problem 4.1.B: The WMO will work with member cities to develop a monitoring program to collect water quality data for water bodies throughout the WMO. Monitoring will be determined annually and by the WMO budget. The data collected, combined with historic data will be used to classify water bodies, establish water quality trends, and determine areas where improvements are necessary to preserve and enhance resources. The WMO may conduct monitoring, require the local governments to conduct monitoring, or seek other means to complete these monitoring activities.

The WMO may also work with the MPCA to monitor water bodies as part of the MPCA's Watershed Approach Program.

Problem 4.1.C: There is not enough data to understand the quality of water reaching the Mississippi River through stormwater outfalls and streams.

Approach for Addressing Problem 4.1.C: The WMO will work with member cities to develop a monitoring program to monitor select outfalls to the Mississippi River. Monitoring will be determined annually and by the WMO budget. This monitoring effort will help identify point source locations for pollutant loadings to the river and will help establish high priority areas for water quality improvements and BMP implementation. This will also help identify the most cost-effective locations to construct water quality capital improvements.

Problem 4.1.D: The efficiency and effectiveness of many stormwater BMPs in the watershed is unknown.

Approach for Addressing Problem 4.1.D: MPCA's Minimal Impact Design Standards (MIDS) Project, once complete, should be utilized to help determine the effectiveness of BMPs within the WMO. Refer to http://www.pca.state.mn.us for more information and updates on the MIDS Project.

The WMO may also monitor certain BMPs throughout the WMO to determine their effectiveness. This may be accomplished through the use of grant funding or volunteers.

Problem 4.1.E: There are increased algae blooms due to excessive nutrients in many lakes, rivers, and ponds.

Approach for Addressing Problem 4.1.E: Stormwater BMPs shall be implemented by member cities to reduce both point source and non point source pollutants and reduce the impact of development on the water quality of water bodies in the WMO. Retrofits of existing BMPs shall also be performed where feasible and applicable during redevelopment. Increased education and public awareness of housekeeping BMPs will be a focus of the WMO and member cities to improve the quality of surface waters in the WMO.

Problem 4.1.F: Water quality in Hornbean Lake may be negatively impacted by future development in Inver Grove Heights and Sunfish Lake.

Approach for Addressing Problem 4.1.F: BMPs shall be implemented by Inver Grove Heights and Sunfish Lake as development occurs to reduce negative impacts on Hornbean Lake and other resources downstream of the development.

Problem 4.1.G: Presence of polycyclic aromatic hydrocarbons (PAHs) in Thompson Lake.

Approach for Addressing Problem 4.1.G: A feasibility study should be completed to address the PAHs and help determine the upstream source of the pollution. Dakota County and West St. Paul are working to secure funding to remove sediment having high PAH concentrations.

Problem 4.1.H: Accumulation of debris and floatables at Simley Lake.

Approach for Addressing Problem 4.1.H: The WMO will investigate the source of the pollution and will establish maintenance responsibilities of Simley Lake in effort to address the problem.

Problem 4.1.I: The ability of member cities to efficiently address requirements of new NPDES and MS4 Permits.

Approach for Addressing Problem 4.1.I: Develop education and public outreach programs that address member city NDPES and MS4 Permit requirements. Investigate the cost and efficiency of assisting member cities with MS4 Permit renewals.

4.2 Flooding and Stormwater Rate Control Concerns

Problem 4.2.A: Increased impervious areas that result from development or redevelopment and other land use practices cause increased rates and volumes of stormwater runoff which may result in downstream flooding, erosion, sedimentation, and water quality problems.

Approach for Addressing Problem 4.2.A: Strengthen the WMO's current Low Impact Development (LID) encouragement policy and rate control and volume control goals while taking into consideration development and redevelopment conditions. Focus on performance standards rather than prescriptive standards for water quality improvements.

The WMO shall also utilize the MPCA's MIDS Project, once it has been completed, to help determine appropriate and effective BMPs for certain development and redevelopment conditions.

Problem 4.2.B: The WMO has a number of landlocked basins that need to be evaluated on whether they will require an outlet or remain landlocked.

Approach for Addressing Problem 4.2.B: WMO and member cities will evaluate landlocked basins of interest. If there are no flooding concerns, no outlet will be necessary. If the area does flood or could cause flood problems in the future, the WMO and member cities will investigate the option of providing an outlet for the area which will protect adjacent land uses and not adversely impact downstream resources.

Problem 4.2.C: Establishing appropriate minimum building elevations to prevent the flooding of structures located adjacent to flood-prone areas and landlocked basins.

Approach for Addressing Problem 4.2.C: Member cities shall establish minimum building elevations above the critical 100-year flood elevation. The cities need to consider the effects of larger storms and plugged outlet conditions when they set these elevations. In situations such as landlocked basins or ponds with large tributary watersheds, additional freeboard above the 100-year flood elevation may be required. The cities also need to provide emergency overflows for ponds and inundation areas to address plugged outlet conditions and the effects of larger floods.

Problem 4.2.D: Flooding and erosion at Marie Avenue/Dodd Road.

Approach for Addressing Problem 4.2.D: Feasibility study has been completed for this problem area. Improvements need to be constructed to address the flooding and erosion problems.

Problem 4.2.E: Rate control and streambank erosion in the Interstate Valley Creek Watershed north of Marie Avenue.

Approach for Addressing Problem 4.2.E: Feasibility study and project shall be completed to address rate control issues and provide streambank stabilization north of Marie Avenue in the Interstate Valley Creek Watershed.

Problem 4.2.F: Drainage issues in Lilydale east of the intersection of Lexington Avenue and Sibley Memorial Highway (Trunk Highway 13) have resulted in flooding at the Lexington-Riverside Condominiums (1101 Sibley Memorial Highway), ongoing sedimentation and erosion problems within the highway right-of-way and on Lexington-Riverside property, and gullying and erosion problems along the Mississippi River bluffs.

Approach for Addressing Problem 4.2.F: A feasibility study to investigate this problem was completed in 2010. Recommended improvements include plugging the west culvert under Trunk Highway 13 and diverting water eastward through a ditch and culvert on the south side of Trunk Highway 13, construction of a new outlet from the Lexington-Riverside Pond, construction of a new storm sewer system to convey flows from the pond to the existing storm sewer, and addressing hillside erosion on the Overlook Condominiums Property. The Cities of Lilydale and Mendota Heights, along with MnDOT, Dakota County, and the Lexington-Riverside Condo Association are anticipated to participate in the cost share for this project. More information can be found in the *Lexington Avenue-Trunk Highway 13 Drainage and Erosion Feasibility Study* which can be found on the WMO's website.

Problem 4.2.G: Seidl's Pond, a landlocked basin in South St. Paul, experiences high water levels and periodic flooding.

Approach for Addressing Problem 4.2.G: A feasibility study to address this problem was completed in 2004. Construction of an outlet and a lift station is necessary to reduce drainage and flood potential of the area. More information can be found in the feasibility study which can be obtained by contacting the WMO.

Problem 4.2.H: The storm sewer system on Dawn Way in Inver Grove Heights is susceptible to surcharge as a result of insufficient capacity to convey storm water runoff

from the upstream drainage area. The upstream drainage area consists of the South St. Paul Airport and portions of Inver Grove Heights.

Approach for Addressing Problem 4.2.H: Hydrologic analysis and cost split analysis have been completed for potential Dawn Way storm sewer system improvements. The Cities of Inver Grove Heights and South St. Paul will construct the necessary improvements to address the existing drainage problems and provide additional capacity to the Dawn Way storm sewer system.

4.3 Impacts of Water Resource Management on Recreation

Problem 4.3.A: The WMO has limited public access to high quality lakes and park areas for recreational activities.

Approach for Addressing Problem 4.3.A: The WMO and member cities will investigate opportunities to implement access points and construct improvements to improve access to high quality water resources in the area. An example of this is the improvements currently underway at Pickerel Lake Regional Park to increase access and provide an enhanced recreation area.

4.4 Impacts of Wetland Loss on Fish and Wildlife Resources

Problem 4.4.A: Due to densely developed areas in the WMO, some member cities may have less opportunity than others to take advantage of wetland banking and restoring fish and wildlife resources.

Approach for Addressing Problem 4.4.A: The WMO will evaluate and pursue locations to conduct wetland restoration opportunities. These locations may serve as a wetland bank for member communities within the WMO and thus increase fish and wildlife resources within the WMO.

4.5 Impacts of Erosion and Sedimentation on Water Resources

Soil erosion can be a significant sediment source to water resources throughout the WMO, resulting in decreased water depth and degraded water quality. Erosion also impacts stormwater rates and volumes. As soil erodes, vegetation is removed from the ground surface, which results in increased rates of stormwater runoff. Erosion also results in channelization of stormwater flow, increasing the rate of stormwater runoff.

Problem 4.5.A: There are many areas along the Mississippi River, within the boundary of the WMO, that are experiencing stream bank erosion. This erosion results in a large sediment load to the river.

Approach for Addressing Problem 4.5.A: The WMO will work with the U.S. Army Corps of Engineers to identify the exact location and extent of the erosion problems. The WMO will reference the DNR's *River Restoration Guidelines*, once completed, when developing improvement options. Improvements will then need to be constructed to stabilize erosion-prone areas and reduce sedimentation of the river.

Problem 4.5.B: The need for consistency in erosion control inspection and design requirements.

Approach for Addressing Problem 4.5.B: Conduct and/or facilitate joint certification training for member city staff on designing and inspecting erosion control plans and erosion control measures.

Problem 4.5.C: Erosion along Ivy Falls Creek at the intersection of Thompson Avenue and Delaware Avenue.

Approach for Addressing Problem 4.5.C: Feasibility study and project need to be completed to address erosion problems along Ivy Falls Creek.

Problem 4.5.D: Sedimentation of stormwater ponds reduces storage volume capacity, decreases stormwater treatment ability, and can result in flooding.

Approach for Addressing Problem 4.5.D: WMO and member cities shall develop a maintenance program for pond maintenance and maintenance of all BMPs to avoid these potential issues. Determination of excess sources of sediment or other loadings will be a component of this maintenance program.

Problem 4.5.E: Golf Course Pond, in northern Inver Grove Heights, has severe erosion around the entire shore of the pond, but the erosion may be the result of a high water table, and not the result of wave action or runoff.

Approach for Addressing Problem 4.5.E: The WMO and City of Inver Grove Heights will need to monitor the problem and determine if action is required.

Problem 4.5.F: There are shoreland vegetation and erosion problems on various water bodies in the WMO.

Approach for Addressing Problem 4.5.F: Evaluate DNR protected water bodies with potential or known problems within the WMO and pursue shoreland restoration projects where needed.

4.6 Impact of Land Use Practices and Development on Water Resources

Problem 4.6.A: There is a need for groundwater management and protection in the WMO.

Approach for Addressing Problem 4.6.A: The WMO and member cities shall encourage infiltration in suitable areas to provide groundwater recharge and stormwater volume control. Infiltration shall not be allowed in areas with potential contamination, drinking water supply management areas, and wellhead protection areas. Infiltration will not be encouraged where soils are not suitable for infiltration or where there is less than three feet of separation between the bottom of the infiltration system and the groundwater or bedrock.

4.7 Public Education

Problem 4.7.A: The public needs more education on issues facing the water resources in their community and how they impact water quality.

The current WMO education program consists of the annual WMO newsletter, which the member cities distribute, and the annual activity report, which is submitted to BWSR and is available to residents upon request.

The cities use a variety of methods to educate their residents about stormwater management issues. Some of these methods include: storm drain stenciling, door hangers, newsletters, and newspapers and other media to distribute water resource and stormwater management information. Member cities are also involved in Dakota County's Wetland Health Evaluation Program (WHEP) which uses volunteers to assess the biological health of wetlands.

Approach for Addressing Problem 4.7.A: Expand the WMO's education and public involvement efforts to provide more assistance to the member cities. The WMO shall implement a marketing strategy throughout the WMO that helps change social behavior in regards to stormwater and water quality. The WMO will also investigate the creation of a committee to focus on education and public outreach. Refer to **Section 5.8** for details regarding the new components of the WMO education program.

4.8 Administrative Issues

Problem 4.8.A: Some grants and funding is only available to watersheds or similar organizations.

Approach for Addressing Problem 4.8.A: Assist member cities in pursuing/securing grants to assist in implementation of their Local Water Resource Management Plans.

Problem 4.8.B: Implementation of the evaluation criteria contained in the BWSR performance standards.

Approach for Addressing Problem 4.8.B: Redirect administrative resources to address BWSR performance standards such as data practices policy, project and program expenditures, Board training, operational guidelines, water quality and watershed yield trends, and public information and education outcomes.

Problem 4.8.C: Need to improve collaboration of WMO/WD and County ideas and programs to maximize efficiency throughout the WMO.

Approach for Addressing Problem 4.8.C: Explore opportunities to partner with other WMO/WD programs and County programs.

Problem 4.8.D: The WMO is required to have a Board that contains all citizen members.

Approach for Addressing Problem 4.8.D: The WMO will pursue the transition of its Board to an all citizen member Board.

Problem 4.8.E: Expansion of Technical Advisory Committee (TAC) membership and participation.

Approach for Addressing Problem 4.8.E: Revise JPA to broaden membership of formal TAC beyond county and SWCD staff to include member city staff and others.

Problem 4.8.F: There are concerns that the current electronic and GIS boundary of the WMO does not reflect the existing Joint Powers Agreement watershed boundary.

Approach for Addressing Problem 4.8.F: The WMO will compare legal documents from the Joint Powers Agreement and the existing GIS watershed boundary to verify the appropriate limits of the WMO.

Problem 4.8.G: Lack of citizen involvement and participation in dealing with processes, education, and issues throughout the WMO.

Approach for Addressing Problem 4.8.G: The Board will investigate implementation of a permanent CAC. The CAC would be utilized as an advisory group to the Board and would provide watershed-wide input on items such as water resource problems and strategies to improve education.

4.9 Adequacy of Existing Programs

Problem 4.9.A: The water body classification system (Categories I-V) used by the WMO since their Second Generation Plan (2001) does not align with the MPCA's water body classification system and water quality monitoring protocol.

Refer to **Appendix F** for a description of the former classification categories along with the water bodies that were classified by the WMO and the member cities.

Approach for Addressing Problem 4.9.A: The WMO will use a similar water body classification system to that of the MPCA. Refer to **Table 5-1** located in **Section 5.3.2.I** for the table that will be used to help classify water bodies as deep lakes, shallow lakes, wetlands, and ponds. The pond column has been added to the MPCA's table by the WMO to provide a classification for water bodies that may be considered ponds.

The classification system determines whether a water body should be managed as a deep lake, shallow lake, wetland, or pond. For water bodies classified as wetlands, member cities must use a wetland management classification system that takes into account the susceptibility of the wetlands to degradation by stormwater. The WMO requires the member cities use a wetland classification system that ranks the wetlands and sets wetland management standards based on the rank and desired level of protection. **Table 5-2** in **Section 5.3.2.I** shows the WMO's water quality goals based on classification.

Problem 4.9.B: The WMO does not currently have a uniform water quality cost allocation formula for inter community projects.

The WMO does have "allowable flow" which is the flowrate that an upstream community can discharge to a downstream community without incurring financial obligation for the stormwater management system in the downstream community. The allowable flow is intended to represent the flows from the tributary watershed under natural/pre-development conditions. Discharges from the upstream community in excess of the allowable flow obligate the upstream community to share in the cost of the stormwater management system, in accordance with the formulas in the joint powers agreement. The September 1985 Joint Powers Agreement sets forth the method for calculating allowable flow. **Appendix B** includes a copy of the joint powers agreement and memoranda regarding allowable flow.

Approach for Addressing Problem 4.9.B: The WMO will attempt to develop a water quality cost allocation formula. The WMO will also review the current allowable flow methodology and verify that no revisions are necessary.

Problem 4.9.C: Maintenance of Stormwater System - The stormwater system within the WMO includes pipes, constructed ponds, lakes, wetlands, ditches, swales and other drainageways. Proper maintenance of the stormwater system will ensure that the system provides the necessary flood control and water quality treatment. Many units of government are responsible for maintaining the stormwater systems within the WMO and need to perform this maintenance on a regular basis. For example:

- MnDOT is responsible for maintaining the storm sewers, ponds, culverts, etc. located along I-494, I-35E, Highway 55, Highway 52, Highway 156, Highway 110, and Highway 3.

- Dakota County is responsible for maintaining only the "mainline" culvert crossings in their county roads; member cities are currently responsible for maintaining storm sewer catch basins and leads in the county roads (e.g. County Road 73-"Babcock Trail", County Road 75-"Cahill Avenue", and County Road 26-"70th Street").

- Ramsey County is responsible for maintaining storm sewer catch basins and leads in the county roads (e.g. County Road 63-"Delaware Avenue").

- Member cities are responsible for maintaining their stormwater system in accordance with the requirements of the MPCA SWPPP Program.

- Owners of private stormwater facilities are responsible for maintaining their facilities in proper condition, consistent with the original performance design standards.

For stormwater systems constructed using WMO cost share monies, member cities may request reimbursement from the WMO for maintenance activities, according to the WMO cost share formula since the new JPA has other cost share methods.

Approach for Addressing Problem 4.9.C: Maintenance responsibilities shall be carried out by the appropriate organizations listed above. Member cities are to fulfill their requirements and notify the WMO or other regulatory agencies should they know of maintenance deficiencies.

4.10 Availability and Adequacy of Existing Information to Manage Water Resources

Problem 4.10.A: Several intercommunity drainage issues had persisted unresolved for decades prior to the establishment of the WMO. The WMO and its member cities successfully addressed the majority of the intercommunity water management issues identified in past plans. The cooperation of the member cities and the implementation of the WMO's Joint Powers Agreement (JPA) were key factors in resolving many of the identified problems.

Approach for Addressing Problem 4.10.A: The WMO will continue to update the implementation plan and prioritize and address water resource issues as they arise.

5.0 Goals, Strategies, and Policies

The WMO has developed a number of purposes for the management of the watershed and its water resources. These purposes have been developed to be consistent with the vision of the WMO, as well as, to meet the requirements of the Metropolitan Surface Water Management Act. In addition, many goals, strategies, and policies have been outlined to help achieve the purposes of the 3rd Generation Watershed Management Plan.

5.1 Watershed Management Purposes

5.1.1 Lower Mississippi River WMO Purposes (3rd Generation)

The WMO developed the following vision statement on December 23, 2009:

> *"Water resources and related ecosystems are managed to sustain their long-term health and integrity through member city collaboration and partnerships with other water management organizations with member city citizen support and participation."*

The general purposes for the 3rd Generation Plan include the following purposes consistent with the Metropolitan Surface Water Management Act and Minnesota Statutes 103B.201.

- Protect, preserve, and use natural surface and groundwater storage and retention systems.
- Minimize public capital expenditures needed to correct flooding and water quality problems.
- Identify and plan for means to effectively protect and improve surface water and groundwater quality.
- Establish more uniform local policies and official controls for surface and groundwater management.
- Prevent erosion of soil into surface water systems.
- Promote groundwater recharge.
- Protect and enhance fish and wildlife habitat and water recreational facilities.
- Secure other benefits associated with the proper management of surface water and groundwater.

In addition, the WMO has developed the following purposes:

- Assist member cities in achieving current and future water quality and water quantity regulations collaboratively, equitably, and cost-effectively for all members within the watershed.

- Identify and effectively communicate member concerns to other government jurisdictions to better align their policies and activities with those of the WMO and its members.

- Educate citizens about the use, protection, and management of water resources and engage them in WMO water management programs and decision making.

- Consider potential impacts of WMO decisions on natural resources and habitat.

- Govern the WMO with a citizen-led Board and keep regulation at the local level – the WMO will not administer a permit program.

- Assist member communities with *intercommunity* runoff and water resource management issues. The WMO, at the discretion of the Board, may also work with individual member cities to address water resource issues within individual city boundaries. This may include, but is not limited to, monitoring of water bodies or outlets to the Mississippi River.

- Assess performance of the WMO and the member cities toward achieving the goals stated in this plan.

- Provide member cities with useful information about the WMO, its activities, and water resource management.

To achieve the purposes of the WMO, the following goals, strategies, and policies have been developed for water quantity, water quality, recreation, fish and wildlife habitat, wetlands, groundwater protection, erosion and sedimentation, education, and administration.

WMO Goals: Desired outcomes to help achieve the vision of the WMO and the purposes of this plan.

WMO Strategies: Activities the WMO will undertake to help achieve their goals.

WMO Policies: Standards that have been developed that require specific action of the member cities to help achieve the goals of the WMO.

These goals, strategies, and policies have been developed to complement member city, county, regional, and state goals and policies. Pursuant to State Statute, member cities shall update their local plans (if necessary) within two years of WMO adoption of this plan.

An implementation plan has been developed that outlines the estimated completion dates and timelines of the WMO's measurable outcomes and activities. The implementation plan is located in **Section 6**.

5.2 Water Quantity

The WMO recognizes the importance of minimizing effects of development and redevelopment to reduce existing and avoid future water resource problems. The following goals and policies have been developed to address volume control, rate control, flooding, and other water quantity related issues.

5.2.1 WMO Goals

A. Reduce stormwater runoff volumes by increasing infiltration and ground water recharge.

B. Reduce existing flood occurrences and minimize future flood potential throughout the WMO.

5.2.2 WMO Strategies

A. The WMO will establish stormwater volume reduction requirements taking into consideration variable development and redevelopment conditions. This may include establishing LID policies to provide increased volume control for development and redevelopment projects. (Goal 5.2.1 A, Goal 5.2.1 B)

B. The WMO will continue to use the previously established intercommunity "design flows" (stormwater flow rates that the stormwater management system is expected to convey with fully developed conditions in the watershed) as the design parameters for downstream improvements. The WMO will also continue to use the previously established "allowable flows" (stormwater flow rate that an upstream community can discharge to a downstream community without incurring financial obligation for the stormwater system in the downstream community) as the basis for determining the financial obligation of member cities for intercommunity flooding and erosion control projects. Refer to **Appendix B** for the joint powers agreement and memoranda regarding established intercommunity design flow (allowable flow). (General Water Quantity)

C. The WMO will coordinate intercommunity stormwater runoff design and planning with the member communities by:

- Reviewing the member cities' local watershed management plans for consistency with WMO goals and consistency with intercommunity planning.
- Calculating the cost apportionment between cities for water resources projects with intercommunity participation. (General Water Quantity)

D. The WMO will consider practicable solutions when involved with intercommunity water resources planning activities.

- All drainage studies or feasibility studies (whether by the WMO or a city) for projects in a subwatershed with intercommunity drainage, shall consider the impact of the project and the total intercommunity project cost.
- Any projects with intercommunity drainage issues shall not be implemented without prior completion of a feasibility study outlining improvement options and adoption of a preferred option by the WMO, except in emergencies. (General Water Quantity)

5.2.3 WMO Policies

A. Member cities are to reduce the amount of impervious surfaces through the use of Low Impact Development (LID) techniques to the greatest extent reasonable for new development and redevelopment projects, taking into consideration land use, zoning, topography, previous site uses, and site constraints. LID techniques may include, but are not limited to, those presented on the MPCA-Low Impact Development website, http://www.pca.state.mn.us/water/stormwater/stormwater-lid.html. (Goal 5.2.1 A, Goal 5.2.1 B)

B. Member cities will not be allowed to use infiltration as a stormwater BMP in areas where there are known contaminants or in drinking water supply management areas/wellhead protection areas. In addition, infiltration will not be encouraged where the soils are not suitable for infiltration or in areas where there is less than three feet of separation between the bottom of the infiltration system and the groundwater or bedrock. In-situ field tests shall be required to verify the infiltration rates of on-site soils prior to the construction of infiltration BMPs. (Goal 5.2.1 A, Goal 5.6.1 A)

C. Member cities are to provide pretreatment of stormwater prior to discharge to any new infiltration system to protect the functionality of the system. Pretreatment shall collect sediment, skim floatables, and be easily accessed for inspection and maintenance. (Goal 5.2.1 A, Goal 5.6.1 A)

D. The level of protection along all trunk conveyors, streams, and channels and around all wetlands, ponds, detention basins, and lakes shall be based on the critical duration 100-year event, which shall be defined as the 100-year, 24-hour rainfall or the 100-year, 10-day runoff event; whichever is greater. (Goal 5.2.1 B)

E. Design of new trunk stormwater systems should provide discharge capacity for the critical-duration runoff event that is not less than a 10-year frequency event. For open channel conveyance construction, the design criteria shall be for the critical 100-year event. Variances to this standard may apply in areas where in-place storm sewers are designed for a 5-year frequency event. (Goal 5.2.1 B)

F. Design of new non-trunk stormwater systems should provide discharge capacity for the critical-duration runoff event that is not less than a 5-year frequency event, preferably a 10-year frequency event (level of service). Where the planned level of service would cause hardship in operation of a downstream system, the owner may design for a lesser level of service if the following circumstances are present:

- The proposed new or replacement system will not have a longer life than that of the existing downstream system.
- It is not practical to incorporate temporary measures into the new system to mitigate the effects of the new system on the downstream system. (Goal 5.2.1 B)

G. Member cities are to ensure that proposed development, redevelopment, and/or infrastructure projects will not exceed the capacity of the existing downstream stormwater drainage system. (Goal 5.2.1 B)

H. Member cities are to incorporate emergency overflow structures (e.g. swales, spillways), where feasible, into pond outlet structure designs to prevent undesired flooding resulting from storms larger than the 100-year (one percent) event or plugged outlet conditions. (Goal 5.2.1 B)

I. Member cities are to maintain ordinances or policies that allow the cities to secure easements over floodplains, detention areas, wetlands, ditches, and all other parts of the stormwater system as areas develop or redevelop. (Goal 5.2.1 B)

J. Member cities are to incorporate multi-stage outlets into their pond designs to control flows from smaller, less frequent storms and help maintain base flows in downstream open channels, where practicable. (Goal 5.2.1 B)

K. Member cities are to maintain ordinances or policies that set minimum building elevations at least one foot above the critical 100-year flood elevation for structures adjacent to inundation areas. The cities should consider the effects of events larger than the 100-year flood when setting minimum building elevations. Higher minimum building elevations should be considered for structures adjacent to ponding areas with large tributary watersheds and for structures adjacent to landlocked basins. (Goal 5.2.1 B)

L. The WMO establishes the following policies regarding landlocked basins:

- The flood levels established in local (city) watershed management plans shall take into consideration the effects of water level fluctuations on trees, vegetation, erosion and property values. Steeply sloped shorelines that are subject to slope failure and shoreline damage should not be in contact with flood water for extended periods of time. (Goal 5.2.1 B)

- Only the existing tributary area may discharge to a landlocked basin, unless provision has been made for an outlet from the basin, or hydrologic analysis has been completed showing additional discharge to basin is acceptable. The form of outlet may range from temporary pumps to gravity storm sewers. The outlet is to be in place before increased water levels are likely to affect vegetation, slope stability and adjacent properties. (Goal 5.2.1 B)

- If outlets from landlocked basins are needed, member cities are encouraged, where practicable, to keep outflow rates low enough to allow for as much infiltration as possible. Drawdown time to within one foot of the normal water level should not exceed 48 hours to reduce damage to upland vegetation. (Goal 5.2.1 B)

- When member cities establish high water elevations and whether outlets are needed for landlocked basins, member cities are encouraged, where practicable, to account for long duration events, such as multiple-year wet cycles and high runoff volume events (e.g. snowmelt events that last for many weeks). (Goal 5.2.1 B)

- Member cities need to consider both the water quality and flooding impacts of proposed outlets from landlocked basins on downstream water resources. (Goal 5.2.1 B)

M. Member cities are to require developers to provide Runoff Control Plans prepared by a licensed professional engineer for projects that disturb one or more acres of land. The Runoff Control Plan shall incorporate best management practices (BMPs) and shall conform to approved local water management plans.

Runoff Control Plans shall include the following:

a. Property lines and delineation of lands under ownership of the project proposer.

b. Delineation of the subwatersheds contributing runoff from off-site, and proposed and existing subwatersheds on-site.

c. Location, alignment and elevation of proposed and existing stormwater facilities.

d. Delineation of existing on-site wetlands, shoreland and/or floodplain areas. Removal or disturbance of streambank and shoreland vegetation should be avoided. The plan shall address how unavoidable disturbances to this vegetation will be mitigated.

e. Existing and proposed normal, 5-year (or 10-year) and 100-year water elevations on-site.

f. Existing and proposed site contour elevations related to the North American Vertical Datum (NAVD) of 1988.

g. Construction plans and specifications of all proposed stormwater management facilities.

h. Stormwater runoff volume and rate analyses for existing and proposed conditions.

i. All hydrologic and hydraulic computations completed to design the proposed stormwater quantity and quality management facilities.

j. Provision of outlots or easements for maintenance access to detention basins, constructed wetlands and other stormwater management facilities.

k. Maintenance agreement between developer and city which addresses sweeping, pond inspection, sediment removal and disposal, etc.

l. Documentation indicating conformance with the city's existing local water management plan.

m. Inlets to detention basins, wetlands, etc. shown at or below the normal water level.

n. Identification of receiving water body.

Runoff Control Plans shall meet the following criteria:

- The peak rate of stormwater runoff from the developed subwatershed of the site shall not exceed the existing peak rate of runoff for the 5-year (or 10-year) and the 100-year return frequency critical duration storm events (encouraged to maintain the runoff rate for the 2-year storm event as well). For the purposes of this criteria, "subwatershed" may be the project site, or may be an area of greater size for which an approved local water management plan meets this criteria (e.g. regional detention basins).

- A hydrograph method based on sound hydrologic theory shall be used to analyze stormwater runoff for the design or analysis of flows in conveyors, streams, and channels and flows to ponds and wetlands.

- Reservoir routing procedures and critical duration 100-year runoff events shall be used for design of detention basins and outlets. (Goal 5.2.1 B)

5.3 Water Quality

There are many water bodies throughout the WMO that are valuable resources to the people of the area. The following goals and policies have been developed to maintain or improve water quality in surface waters throughout the WMO.

5.3.1 WMO Goals

A. Evaluate and track water quality trends within the WMO.

B. Improve intergovernmental coordination regarding water quality management within the WMO.

C. Improve water quality within the WMO.

5.3.2 WMO Strategies

A. The WMO will assist member cities in creating an equitable and cost-effective method to address the requirements of the South Metro Mississippi TMDL study and implementation plan and other TMDLs as they are completed. (Goal 5.3.1 B)

B. The WMO will continue to focus on the water quality of intercommunity water bodies. The WMO, at the discretion of the Board, may also work with individual member cities to address water quality issues within individual city boundaries. (Goal 5.3.1 C)

C. The WMO will investigate the possibility of coordinating joint member contracts for maintenance to achieve economies of scale. Post construction stormwater management and good housekeeping practices for MS4 stormwater facilities shall comply with MPCA/MS4 requirements. (Goal 5.3.1 B)

D. The WMO will monitor DNR protected water bodies. Prioritization of water bodies for monitoring will be determined annually and by the WMO budget. Monitoring data

from CAMP (Citizen Assisted Monitoring Program), WHEP (Wetland Health Evaluation Program), and CSMP (Citizen Stream Monitoring Program) should be taken into consideration so monitoring information is not being duplicated. (Goal 5.3.1 A)

E. The WMO will monitor select storm sewers and streams that outlet to the Mississippi River. Prioritization of storm sewers and streams will be determined annually and by the WMO budget. Monitoring parameters should be consistent with downstream impairments and may be modified at the discretion of the Board. Possible parameters include: Total Phosphorus, PCBs (Polychlorinated biphenyls), PFOS (Perfluorooctane sulfonate), Fecal Coliform, Turbidity, and Dissolved Oxygen. (Goal 5.3.1 A)

F. The WMO shall attempt to develop a water quality cost allocation formula for intercommunity projects by the year 2015. In the interim, the WMO will address each project individually. (Goal 5.3.1 B)

G. The WMO requires MnDOT, Ramsey County, Dakota County, and other governmental agencies to meet the water quality treatment requirements outlined in this plan for runoff leaving their right-of-way, facilities, or easements. Regular maintenance of their stormwater facilities shall also be performed. (Goal 5.3.1 B)

H. The WMO will recruit volunteers, through the use of its CAC, and encourage member cities to recruit volunteers to participate in the WMO's monitoring activities. Where necessary, volunteers would be provided training on MPCA-accepted protocol to ensure that the data is acceptable for the MCPA EQUIS Database. (Goal 5.3.1 A)

I. The WMO will use a similar water body classification system to that of the MPCA. **Table 5-1** will be used to help classify water bodies as deep lakes, shallow lakes, wetlands, and ponds. The pond column has been added to the MPCA's table by the WMO to provide a classification for water bodies that may be considered ponds.

The classification system determines whether a water body should be managed as a deep lake, shallow lake, wetland, or pond. For water bodies classified as wetlands, member cities must use a wetland management classification system that takes into account the susceptibility of the wetlands to degradation by stormwater. The WMO requires the member cities use a wetland classification system that ranks the wetlands and sets wetland management standards based on the rank and desired level of protection. (Goal 5.3.1 A, Goal 5.3.1 C)

Table 5-1: Factors Used to Classify Deep Lakes, Shallow Lakes, Wetlands, and Ponds

Factor	Deep Lakes	Shallow Lakes	Wetlands	Ponds
Public Waters Inventory Code	Typically coded as "L or LP" in PWI	May be coded as either "L, LP or LW" in PWI	Typically coded as "LW" in PWI	May be coded as either "L, LP or LW" in PWI
Depth, max.	Typically > 15 feet	Typically < 15 feet	Typically <7 feet	Typically <10 feet
Littoral area	Typically < 80%	Typically >80%	Typically 100%	Typically 100%

Factor	Deep Lakes	Shallow Lakes	Wetlands	Ponds
Area (min.)	> 10 acres (Bulletin 25)	> 10 acres (Bulletin 25)	No minimum	No minimum
Thermal stratification (summer)	Stratification common but dependent upon depth	Typically do not stratify	Typically do not stratify	Typically do not stratify
Fetch	Significant fetch depending on size & shape	Fetch is variable depending on size & shape	Rarely has a significant fetch	Rarely has a significant fetch
Substrate	Consolidated sand/silt/gravel	Consolidated to mucky	Mucky to unconsolidated	Variable
Shoreline features	Generally wave formed, often sand, gravel or rock	Generally wave formed, often sand, gravel or rock	Generally dominated by emergents	Generally dominated by emergents
Emergent vegetation & relative amount of open water	Shoreline may have ring of emergents; vast majority of basin open water	Emergents common, may cover much of fringe of lake; basin often has high percentage of open water	Emergents often dominate much of basin; often minimal open water	Emergents common, may cover much of fringe of pond; basin often has high percentage of open water
Submergent vegetation	Common in littoral fringe, extent dependant on transparency	Abundant in clear lakes; however may be lacking in algal-dominated turbid lakes	Common unless dominated by an emergent like cattail	Common unless dominated by an emergent like cattail
Dissolved Oxygen	Aerobic epilimnion; hypolimnion often anoxic by midsummer	Aerobic epilimnion but wide diurnal flux possible	Diurnal flux & anaerobic conditions common	Variable
Fishery	Typically managed for a sport/game fishery. May be stocked. DNR fishery assessments typically available	May or may not be managed for a sport fishery. If so, fishery assessment should be available. Winter aeration often used to minimize winterkill potential	Typically not managed for a sport fishery. Little or no DNR fishery information. Seldom aerated. May be managed to remove fish & promote waterfowl	Typically not managed for a sport fishery
Uses	Wide range of uses including boating, swimming, skiing, fishing; boat ramps & beaches common	Boating, fishing, waterfowl production, hunting, aesthetics; limited swimming; may have boat ramp, beaches uncommon	Waterfowl & wildlife production, hunting, aesthetics. Unimproved boat ramp if any. No beaches	Typically manmade basins. Important for flood protection and runoff pollutant removal. May provide passive recreational opportunities

Note: This table was developed by the MPCA and is located in the *Guidance Manual for Assessing the Quality of Minnesota Surface Waters.* The "Ponds" column was added by the WMO for the purposes of this Plan. It is important to note that the MPCA does not have a pond classification.

Table 5-2 shows the WMO's water quality goals based on classification.

Table 5-2: Water Quality Goals for Classified Water Bodies in the WMO

Classification	TP (ppb)	Chi-a (ppb)	Secchi (meters)
Deep Lakes	≤ 40	≤ 14	≥ 1.4
Shallow Lakes	≤ 60	≤ 20	≥ 1.0
Wetlands	NA	NA	NA
Ponds	NA	NA	NA

Note: The water quality goals shown in this table are consistent with the goals shown in the MPCA's *Guidance Manual for Assessing the Quality of Minnesota Surface Waters.*

5.3.3 WMO Policies

A. Member cities shall require a 50% total phosphorus removal from runoff leaving new development and redevelopment projects that exceed one acre of land disturbance (for this policy, mill and overlay and pavement rehabilitation projects are not considered land disturbance). For areas that discharge directly to the Mississippi River or to an impaired water body for which a TMDL has been completed, the findings of the TMDL will replace this requirement (whether more or less stringent). The required reduction of total phosphorus may be accomplished through the use of regional or on-site stormwater BMPs such as: ponds, NURP (National Urban Runoff Program) basins, infiltration basins, biofiltration, vegetated swales, mechanical devices, porous pavements, or any other techniques effective at phosphorus reduction. (Goal 5.3.1 C)

B. Linear construction projects should meet policy 5.3.3A where possible and feasible. Linear projects will be required to meet NPDES Construction Permit requirements. (Goal 5.3.1 C)

C. For stormwater discharge points/outfalls that did not exist prior to the adoption of this plan: member cities are to provide pretreatment of stormwater prior to its discharge to wetlands and other water resources. Pretreatment shall collect sediment, skim floatables, and be easily accessed for inspection and maintenance. (General Water Quality)

D. For replacement discharge points/outfalls or existing stormwater discharge points/outfalls: the WMO encourages member cities to provide pretreatment of stormwater prior to its discharge to wetlands and water resources. (General Water Quality)

5.4 Recreation, Fish and Wildlife Habitat

The WMO has many natural areas that are popular recreation sites and provide excellent fish and wildlife habitat. The following goals and policies have been developed to enhance water

based recreational opportunities and protect and improve fish and wildlife habitat. In addition, many of the other goals, strategies, and policies outlined throughout **Section 5** will result in improved recreational opportunities and fish and wildlife habitat.

5.4.1 WMO Goals

A. Protect and enhance fish and wildlife habitat and recreation opportunities, and maintain shoreland integrity.

5.4.2 WMO Strategies

A. The WMO will promote and encourage protection of non-disturbed natural shoreland areas and restoration of disturbed shorelines and streambanks to their natural state through participation in Blue Thumb or other educational programs. (Goal 5.4.1 A)

B. The WMO supports water quality improvements in order to maintain or improve water quality and the habitat consistent with intended use and classifications of lakes, streams, wetlands, and ponds. (Goal 5.4.1 A, Goal 5.5.1 A)

C. The WMO will encourage the appropriate development of access to water bodies for recreation and education. (Goal 5.4.1 A)

5.4.3 WMO Policies

A. The WMO requires member cities to consider landscape designs for projects located in close proximity to natural areas or greenways to:

1) increase beneficial habitat, wildlife and recreational uses; promote infiltration and vegetative water use; and

2) decrease detrimental wildlife uses (such as beaver dams, goose overabundance) that damage water control facilities, shoreline vegetation, water quality or recreational facilities. (Goal 5.4.1 A, Goal 5.5.1 A)

B. The WMO requires member cities to prioritize shoreland areas for restoration. Shoreland areas include streambanks and lakeshore areas. The cities will be required to address this issue in their local watershed management plans. (Goal 5.4.1 A)

C. Member cities are required to maintain a shoreland ordinance that is, at a minimum, in conformance with the requirements of the Minnesota DNR. (Goal 5.4.1 A)

D. The WMO requires member cities within the Mississippi River Critical Corridor Area/Mississippi National River Recreation Area (MRCCA/MNRRA) to conform to the current rules for areas within the MRCCA/MNRRA. (Goal 5.4.1 A)

5.5 Wetlands

There are many wetlands located throughout the WMO that provide wildlife habitat and offer a natural method of conveying and storing stormwater. The following goals and policies have been developed to manage existing wetlands and restore drained wetlands where possible.

5.5.1 WMO Goals

A. Enhance or protect wetlands from the adverse impacts of development and redevelopment.

5.5.2 WMO Strategies

A. The WMO will continue to support member city management efforts to improve wildlife habitat, aesthetic enjoyment, and other public uses of wetlands adjacent to parks. (Goal 5.5.1 A, Goal 5.4.1 A)

B. The WMO will continue in the support of wetlands for inclusion in Wetland Health Evaluation Program (WHEP).(Goal 5.5.1 A)

5.5.3 WMO Policies

A. Member cities are the local governmental units (LGUs) responsible for administering the Wetland Conservation Act (WCA). MnDOT is the LGU for the WCA on its rights-of-way. (Goal 5.5.1 A)

B. An average 15 foot buffer of natural vegetation above the 100-year High Water Level (if established) or wetted boundary is required by the WMO around lakes, streams, and wetlands, upon new or redevelopment projects that exceed one acre in land disturbance (for this policy, mill and overlay and pavement rehabilitation projects are not considered land disturbance). (Goal 5.5.1 A, Goal 5.4.1 A)

C. Member cities are to inventory, classify and determine the functions and values of wetlands, either through a comprehensive wetland management plan or for development or redevelopment projects that exceed one acre. For cities facing significant development or redevelopment, the WMO recommends that they complete comprehensive wetland management plans. The cities could complete the plans in phases, focusing on the areas where the information is most needed, such as areas within the 2030 MUSA. They should do this either as part of their local watershed planning process or as an implementation task identified in the local plan. Member cities shall submit their comprehensive wetland management plans to the WMO for review and comment. (Goal 5.5.1 A, Goal 5.4.1 A)

D. The WMO requires that member cities use a wetland classification system that ranks the wetlands and sets wetland management standards based on the rank and desired level of protection (e.g. highest to lowest protection). The wetland management standards should include buffer strip width, structural setback distance from buffer strip, amount of pretreatment required for phosphorus removal, storm bounce restrictions, and susceptibility of the wetlands to degradation by stormwater inputs. (Goal 5.5.1 A)

5.6 Groundwater Protection

The WMO recognizes the importance of groundwater on its drinking water sources and the overall hydrology of the area. The following goals and policies have been developed to protect groundwater quality and supply throughout the WMO.

5.6.1 WMO Goals

A. Protect groundwater resources within the WMO.

5.6.2 WMO Strategies

A. The WMO will work to improve the quality and availability of groundwater data. In addition, the WMO will coordinate with other agencies to identify sources or potential sources of groundwater pollution. (Goal 5.6.1 A)

B. The WMO will advocate for larger scale State monitoring and evaluation of LID (Low Impact Development) techniques on groundwater. (Goal 5.6.1 A)

C. The WMO will support the policies in the Dakota County and Ramsey County groundwater plans. (Goal 5.6.1 A)

5.6.3 WMO Policies

A. Member cities are to encourage groundwater recharge and are required to protect recharge areas from potential sources of contamination. The cities should also provide increased green space, native vegetation, and pond "dead" storage, wherever possible and appropriate, to allow for the infiltration of stormwater runoff and promote groundwater recharge. (Goal 5.6.1 A, Goal 5.2.1 A)

B. Member cities responsible for wellhead protection plans should follow the requirements outlined in those plans for managing groundwater within wellhead protection areas. (Goal 5.6.1 A)

C. The WMO encourages its member cities to use stormwater BMPs (such as grassed waterways, biofiltration, porous pavements, etc.) to maximize infiltration, where feasible and not detrimental to groundwater supplies. (Goal 5.6.1 A, Goal 5.2.1 A)

D. Each WMO member city is to maintain updated records of all known on-site septic systems, and prohibit installation of new individual sewer systems or alteration, repair or extension of existing systems when connection can be made to the city sanitary sewer system. The cities are to notify property owners with on-site septic systems that they are required to connect to the cities' sanitary sewer, if available. The cities are to also develop management programs and ordinances for subsurface sewage treatment systems (SSTS) that are consistent with MPCA standards and Minnesota Rules 7080 to 7083. (Goal 5.6.1 A)

E. Member cities should work with their counties in effort to promote awareness of groundwater resource issues through public education and information programs. (Goal 5.6.1 A, Goal 5.8.1 B)

F. Member cities are to support the policies in the Dakota County and Ramsey County groundwater plans.

5.7 Erosion and Sedimentation

Erosion and sedimentation causes surface water quality degradation, habitat damage, and other water resource issues. The following goals and policies have been developed to prevent and minimize sedimentation from areas prone to erosion.

5.7.1 WMO Goals

A. Minimize erosion, sedimentation, stream degradation, and related issues within the watershed.

5.7.2 WMO Strategies

A. The WMO shall address intercommunity erosion and sediment control issues. (Goal 5.7.1 A)

B. The WMO will facilitate joint certification training for member city staff on designing and inspecting erosion control plans and inspecting erosion control measures. (Goal 5.7.1 A, Goal 5.8.1 A)

C. The WMO will coordinate/conduct non-certification training for "other" city staff (streets, parks, building inspections) to address items in MS4 permit (e.g. mowing and erosion control). (Goal 5.7.1 A, Goal 5.8.1 A)

5.7.3 WMO Policies

A. Member cities must adopt, administer, implement and enforce ordinances addressing erosion and sediment control, including the permitting and inspection of such controls. The ordinance must be in conformance with the NPDES standards, at a minimum. The WMO suggests that the cities use the MPCA's model ordinance, which covers overall stormwater management. (Goal 5.7.1 A)

B. Member cities are to require erosion control plans for land development and construction work that will disturb one or more acres of land. Local watershed management plans and city ordinances are to include the requirements and procedures for reviewing, approving and enforcing the erosion control plans. Erosion Control Plans shall be prepared by a qualified individual, and shall conform to the MPCA's NPDES General Permit to Discharge Stormwater from Construction Sites. The erosion control plan shall also conform to all future NPDES stormwater regulations that apply to erosion control. (Goal 5.7.1 A)

C. Acceptable erosion in drainageways is limited to that which causes no net degradation of the watercourse or destruction of properties adjacent to the watercourse.

- Measures to alter the natural course and meandering of streams will be discouraged, except when foreseeable erosion threatens to damage structures, utilities or natural amenities, or impair the drainage system.

- Land use adjacent to watercourses shall be regulated to allow for the reasonably expected natural behavior of streams. (Goal 5.7.1 A)

D. Design of stream bank stabilization and streambed control measures should consider unique or special site conditions, energy dissipation potential, adverse effects, preservation of natural processes and habitat, and aesthetics, in addition to standard engineering and economic criteria. (Goal 5.7.1 A)

5.8 Public Participation and Education

The WMO desires to foster responsible water quality management practices by educating residents, business owners, member city staff, elected officials, and developers about proper water resource management. It is important for these audiences to recognize their role in responsible water resource management in their homes, businesses, and practices, to help preserve and improve the resources present within the WMO. The following goals and policies have been developed to increased public participation and provide improved awareness on water resource issues throughout the WMO.

5.8.1 WMO Goals

A. Expand the WMO's education and public involvement efforts to provide more assistance to the member cities.

B. Increase public awareness of human impacts on water quality and habitat and explore ways to increase active citizen involvement.

5.8.2 WMO Strategies

A. The WMO will develop and use email lists to communicate WMO activities, information, and announcements. (Goal 5.8.1 A, Goal 5.8.1 B)

B. The WMO will develop appropriate, targeted educational content regarding water resource issues to be used by member cities for distribution to and use by various citizen groups such as: homeowners and renters; youth groups; and community groups such as Rotary, Lions, Kiwanis, ROMA (Responsible Owners and Managers Organization), WSCO (West Side Citizens Organization), All Around the Neighborhood, Chamber of Commerce, etc. The WMO will also utilize water resource materials to educate the public at community events and festivals throughout the WMO. (Goal 5.8.1 A, Goal 5.8.1 B)

C. The WMO will maintain the WMO website to communicate watershed news, events, and other water resource information. WMO website address shall be included on all distributed material and will be updated regularly to serve as an additional source for watershed information(Goal 5.8.1 A, Goal 5.8.1 B)

D. The WMO shall seek citizen involvement to assist in the monitoring of water bodies or outlets (storm sewer or streams) to the Mississippi River. CAMP, WHEP, and CSMP are three programs that currently monitor water bodies in the WMO. The WMO shall solicit citizens (starting with the 3rd Generation Plan CAC) to either join these programs or start a new program for monitoring its water bodies. (Goal 5.8.1 B, Goal 5.3.1 A)

E. The WMO will continue to participate in the Blue Thumb Program or other similar programs. (Goal 5.8.1 B)

F. The WMO will continue to support Clean Water Minnesota Media Campaign or develop "catchy" educational information, possibly through the use of an ad agency, focusing on water quality within the community. The ad agency may provide varying media techniques depending on the audience being targeted. Educational components shall be updated to avoid redundancy. (Goal 5.8.1 A, Goal 5.8.1 B)

5.8.3 WMO Policies

A. Member cities' City Engineers and Public Works Officials are encouraged to attend Board Meetings to provide technical advice and information to the Board. (General Public Participation and Education)

B. Member cities are to make information available to active community groups such as Rotary, Lions, Kiwanis, ROMA (Responsible Owners and Managers Organization), WSCO (West Side Citizens Organization), All Around the Neighborhood, and Chamber of Commerce to educate and increase awareness of water resource issues throughout the WMO. (Goal 5.8.1 A, Goal 5.8.1 B)

5.9 Administration

The WMO's administration can have a significant impact on the success of the 3rd Generation Watershed Management Plan. The following goals and policies are aimed at operational activities associated with water resource management within the WMO.

5.9.1 WMO Goals

A. Meet the requirements set forth in the Metropolitan Surface Water Management Act regarding the management of a watershed management organization.

B. Increase efficiency of programs throughout the WMO and provide increased economic opportunities for the WMO and its member cities.

5.9.2 WMO Strategies

A. The WMO will explore opportunities to partner with other WMO/WD programs and County programs. The updates of neighboring WMO/WD plans may be an opportunity to explore these partnerships. (Goal 5.9.1 A, Goal 5.9.1 B)

B. The WMO will continue to publish an annual newsletter summarizing its activities for public distribution. (Goal 5.8.1 A, Goal 5.8.1 B)

C. The WMO will assist member cities (including being the applicant) in pursuing/securing grants for projects contained within an individual city and those that cross city boundaries. (Goal 5.9.1 A, Goal 5.9.1 B)

D. The WMO will adhere to BWSR administrative performance standards (e.g. data practices policy, project and program expenditures, Board training, operational guidelines, water quality and watershed yield trends, and public information and education outcomes). (Goal 5.9.1 A)

E. The WMO will utilize ad hoc subcommittees for special projects. (Goal 5.9.1 A, Goal 5.8.1 B)

F. The WMO will initiate the development of an eight to twelve member permanent CAC to serve as an ongoing advisory group. Citizens will be solicited as needed until the desired number is met. (Goal 5.9.1 A, Goal 5.8.1 B)

G. The WMO will continue to transition to an all citizen Board. (Goal 5.9.1 A, Goal 5.8.1 B)

H. The WMO will fund updating and maintenance of its web site (for posting data, the watershed management plan, etc.) through the WMO dues. (Goal 5.9.1 A)

I. The WMO will revise its joint powers agreement to reflect the 3rd Generation Watershed Management Plan. (Goal 5.9.1 A, Goal 5.3.1 C)

J. The WMO's cost allocation for intercommunity flooding and erosion control studies and construction projects will continue to be based on allowable flow. (Goal 5.9.1 A)

K. The WMO will provide technical review of projects, if requested, as a service to the member cities. Costs to complete these reviews may be charged back to member cities. (Goal 5.9.1 A)

L. The WMO will finance the implementation program elements through either the WMO dues (the annual contributions of its member cities) or some form of cost sharing in accordance with the joint powers agreement. The WMO and cities will also seek grants and other funding opportunities to help offset the costs of the implementation tasks. (Goal 5.9.1 A, Goal 5.9.1 B)

M. The operation and maintenance costs associated with a WMO improvement project will be apportioned according to the WMO joint powers agreement, as revised. (Goal 5.9.1 A)

N. Although the WMO will not be administering a permit program, the WMO will:

- Review projects for consistency with the WMO plan, as requested by member cities or other governmental agencies.

- Review and approve any proposed changes to the intercommunity stormwater system that are inconsistent with an approved local watershed management plan

- Review and approve any changes to the approved local plan that would cause the local plan to be inconsistent with the WMO plan.

- Review member city local plan updates for consistency with WMO Plan.

- Review annual progress reports from the member cities and provide areas that need to be addressed to keep in compliance with the WMO plan.

- Review member city comprehensive plan changes when revisions to their comprehensive plans affect water resource management. Stormwater management elements of the city comprehensive plans are to conform to the WMO plan. (Goal 5.9.1 A)

5.9.3 WMO Policies

A. Member cities are to adopt new ordinances or revise existing ordinances that meet the WMO policies listed in this plan. (Goal 5.9.1 A)

B. Member cities are to report their annual progress to the WMO. This may consist of each member city submitting an implementation plan progress update from their local water management plan. (Goal 5.9.1 A)

6.0 Implementation Program

Table 6-1, 6-2, and 6-3 contain a comprehensive list of the projects, programs, and studies that comprise the WMO implementation program. The WMO developed these activities through reviewing existing information (**Section 2**) and agency coordination (**Section 3**), identifying potential and existing problems (**Section 4**), developing goals, strategies, and policies (**Section 5**), and then assessing the need for programs, studies or projects. Each table shows estimated cost, proposed year of implementation, and proposed financing method for each element of the implementation program. The implementation program identifies special projects and ongoing implementation components through 2020. The proposed dates listed to complete the projects, programs, and studies are estimates and are highly dependent upon available funding. The implementation plan will be reviewed annually and updated as necessary based on past progress, new issues arising, and available funding.

Many of the activities listed in **Table 6-1, 6-2, and 6-3** are to be incorporated into each city's local watershed management plan and Capital Improvement Program. Capital improvements identified in the approved City local plans will be the responsibility of the local government units. The programs and studies identified in this section of the plan may be entirely or partially completed by the WMO, the local government unit, or joint effort between multiple entities.

Table 6-4 provides a cost summary of the implementation program. **Table 6-5** provides the estimated annual plan implementation cost for each member city. **Table 6-6** lists the projects and planning activities completed by the WMO.

TABLE 6-6

COMPLETED PLANNING AND PROJECTS

No.	Planning/Project	Description	Issue	Status
1	Project	Flooding on Akron Avenue between Mendota Road and Highway 110. Watershed includes Inver Grove Heights and West St. Paul.	Flooding	Drainage system improvements were completed in 1991.
2	Project	Flooding from East Lexington Avenue to Mayfield Heights Road near Highway 13. Watershed includes Mendota Heights and Lilydale.	Flooding	Drainage system improvements were completed in 1994 and 1996.
3	Planning	Watershed draining east along Highways 110 and 494. Watershed includes West St. Paul, Sunfish Lake, Inver Grove Heights, and South St. Paul.	Planning	Study was completed in 1989.
4	Planning	Hornbean Lake, Horseshoe Lake, and Sunfish Lake along Highway 494 in Sunfish Lake and Inver Grove Heights.	Planning	Study was incorporated into Sunfish Lake Water Resource Management Plan, approved 1991.
5	Planning	Seidls Lake Water Quality Study	Water Quality	Study was completed in 1991.
6	Project	Flooding and erosion along Ivy Falls Creek in Mendota Heights and West St. Paul (West of Delaware Avenue).	Flooding and Erosion	Three projects completed: 1) Ruby Drive Outfall (1990), 2) Ivy Falls Creek Stabilization (1994), 3) Thompson Avenue Drainage Diversion.
7	Planning	Water Quality Study for Simley Lake.	Water Quality	Study was completed in 1993 for the City of Inver Grove Heights.
8	Planning	Water Quality Monitoring Report for Horseshoe Lake, Hornbean Lake, and Sunfish Lake.	Water Quality	Monitoring report was completed in 1994 for the City of Sunfish Lake.
9	Project	Flooding and erosion in Simon's Ravine between Wentworth Avenue and Butler Avenue, from Robert Street to Concord Street.	Flooding and Erosion	West St. Paul pond expansions and storm sewer improvements completed 1993. Additional ponding constructed 1995. South St. Paul storm sewer improvements completed to Kaposia Dam (19th Avenue) with projects in 1990, 1993, 1994, 1999, and 2009.
10	Planning	Revise Joint Powers Agreement.	Administrative	Agreement completed in 2001, signatures completed in 2002
11	Project	Erosion, flooding, and safety at Simon's Ravine and Kaposia Dam in South St. Paul between Butler Avenue and Bromley Street.	Flooding, erosion, safety	System from Kaposia Dam to Concord completed in 2002, system from Concord to Mississippi River completed in 2006.
12	Project	Potential flooding on Babcock Trail south of Southview Boulevard. Watershed includes South St. Paul, Inver Grove Heights, and West St. Paul.	Potential Flooding	Drainage system improvements were completed in conjunction with Co. Road 14 improvements (2002).
13	Planning	Water Quality Modeling Study for Ivy Falls Creek, Interstate Valley Creek, and Highway 13 Subwatersheds	Water Quality	Modeling study was completed in 2003.

TABLE 6-6

COMPLETED PLANNING AND PROJECTS

No.	Planning/Project	Description	Issue	Status
14	Planning	Water Quality Feasibility Study for Ivy Falls Creek, Interstate Valley Creek, and Highway 13 Subwatersheds	Water Quality	Feasibility study was completed in 2004.
15	Planning	Seidls Pond/Lake lift station. Watershed includes South St. Paul, Inver Grove Heights, and West St. Paul.	Flooding/Drainage	Feasibility study completed in 2004.
16	Project	Diversion of Thompson Avenue drainage into Ivy Falls Creek subwatershed.	Flooding	Project was completed in 2006.
17	Planning	Flooding and erosion at Marie Avenue and Dodd Road. Watershed includes Inver Grove Heights, Sunfish Lake, Mendota Heights, and West St. Paul.	Flooding and Erosion	Feasibility Study Completed (2006).
18	Project	Bank Stabilization on Marie Creek in Mendota Heights north of Marie Avenue.	Erosion	Project was completed (2007,2008).
19	Planning	Allowable Flow Cost Apportionment for Dawn Way Storm Sewer Improvement Project. Watershed includes Inver Grove Heights and South St. Paul	Drainage	Hydrologic analysis and cost split analysis was completed in 2008.
20	Planning/Project	Water quality improvements for Anderson Pond in South St. Paul and Southview Pond in West St. Paul.	Flooding and Erosion	Feasibility Study was completed in 2005. Construction of improvements was completed in 2008-2009.
21	Planning	Create internet website.	Administrative	Worked with Dakota County SWCD to complete website in 2009.
22	Planning	Lexington Avenue-Trunk Highway 13 Drainage and Erosion Feasibility Study.	Flooding and Erosion	Feasibility Study was completed in 2010.

7.0 Impact on Local Governments

The WMO's intention is to limit additional requirements imposed upon local units of government. Most of the WMO plan's implementation program elements will be implemented by the member cities and many of the implementation tasks will be funded by WMO cost sharing. Some of the implementation program elements reflect the goals, policies and requirements of state and regional units of government that local units of government would need to address regardless. **Table 7-1** shows member city conformance with many of the policies contained in the 3rd Generation Watershed Management Plan.

Table 7-1: Member City Conformance with 3rd Generation WMO Policies

Policy	Inver Grove Heights	Lilydale	Mendota Heights	St. Paul	South St. Paul	Sunfish Lake	West St. Paul
Minimum Building Elevations (5.2.3 K)	Y	Y	Y	Y	Y	Y	Y
Rate Control (5.2.3 M)	Y	Y	Y	Y	Y	Y	Y
Storm Sewer Design (5.2.3 D-F)	Y	Y	Y	Y	Y	Y	Y
Runoff Control Plans (5.2.3 M)	N	Y	N	N	Y	N	N
50% Phosphorus Removal Policy (5.3.3 A)	N*	N*	N*	N*	N*	N*	N*
Pretreatment Prior to Infiltration (5.2.3 C)	N	N	N	N	N	N	N
Stormwater Easements (5.2.3 I)	Y	Y	Y	Y	Y	Y	Y
Erosion and Sediment Control (5.7.3 A-B)	Y	Y	Y	Y	Y	Y	Y
Wetland Buffer (5.5.3 B)	N (except in NW area)	N	N	N	N	Y	N
Shoreland Ordinance (5.4.3 D)	Y	N	Y	Y	Y	Y	Y
Prioritize shoreland areas for restoration (5.4.3 C)	N	N	N	N	N	N	N
Inventory and classify wetlands (5.5.3 C)	Y	N	Y	Y	Y	Y	Y

*Member city policy requires similar phosphorus removal as WMO policy 5.3.3 A. Member city policy should be amended to provide consistent language unless member city desires a more stringent policy.

7.1 WMO Responsibilities

The Lower Mississippi River Watershed Management Organization is not a permitting agency. As a result, the WMO's major responsibilities are to 1) ensure that the

policies and standards in the WMO plan are adopted and implemented by the member cities; 2) manage and assist member communities with intercommunity runoff, water quality, and water management issues; and 3) assess the performance of the WMO and the member cities toward achieving the goals stated in the WMO plan.

Member cities are responsible for primary management of stormwater and water resources within their boundaries. Member cities will continue as the local government units (LGUs) responsible for administering the Wetland Conservation Act within their boundaries, and will continue to implement and enforce their existing ordinances related to water resource management. The cities, other government organizations, and private parties are responsible for maintaining their stormwater systems.

7.2 Local Planning

According to MN Rules 8410.0160, the cities are to adopt local watershed management plans within two years of the BWSR's approval of the last watershed management organization plan that affects the unit of government.

It is anticipated that all of the member cities will need to revise their local plans to bring them into conformance with WMO's revised plan and MN Rules 8410. The following local units of government will be required to revise or prepare local plans that conform to the WMO plan, MN Statutes 103B and to MN Rules 8410:

<u>Dakota County:</u>
Inver Grove Heights
Lilydale
Mendota Heights
South St. Paul
Sunfish Lake
West St. Paul

<u>Ramsey County:</u>
St. Paul

Within 30 days of the WMO Board's adoption of the WMO plan, the WMO will notify each city of these requirements pertaining to local plan revision and adoption.

A local governmental unit can assume as much management control as it wishes through its approved local water management plan. The WMO assumes that the member cities will continue to be the permitting authority for all land alteration activities. To continue as the permitting authority, the local government must outline its permitting process in its local water management plan, including the preliminary and final platting process. The WMO may appeal the local government's approval of a project if the WMO believes the project is not consistent with the local plan.

The WMO will review proposed changes to an intercommunity stormwater system that are inconsistent with a city's approved plan, and/or changes to an approved city plan that would cause the plan to be inconsistent with the WMO plan.

7.2.1 Requirements for Local Watershed Management Plans

Local water management plans are required to conform to MS 103B.235, MN Rules 8410.0160, MN Rules 8410.0170 and the WMO plan. MN Rules 8410.0160 requires (in part) that:

> "Each local plan must include sections containing a table of contents; executive summary; land and water resource inventory; establishment of goals and policies; relation of goals and policies to local, regional, state, and federal plans, goals, and programs; assessment of problems; corrective actions; financial considerations; implementation priorities; amendment procedures; implementation program; and an appendix. Each community should consider including its local plan as a chapter of its local comprehensive plan."

MN Rules 8410.0170 explains in more detail the general requirements given above.

The policies and goals established in each city's watershed management plan must be consistent with the WMO plan. The section of the local plan covering assessment of problems must include those problems identified in the WMO plan that affect the city. The approaches for improvement proposed must be limited to those actions that can be carried out at the local government level and must be consistent with the WMO plan. A city may use all or part of the WMO plan when developing its local plan.

Local watershed management plans must clearly identify when the management programs will go into effect. All local plan controls and programs must be developed and in effect within two years of adoption of the last WMO plan in the local governmental unit.

7.2.2 Lower Mississippi River WMO Review of Local Watershed Management Plans

Before a member city adopts its local watershed management plan, the plan must be submitted to all of the affected WMOs for review. The city must also submit its plan to the Metropolitan Council, and to any counties with adopted groundwater plans, for a 45-day review. Within 60 days of receipt of the local plan, the WMO will review the local plan for conformance with the WMO plan. As part of its review, the WMO will take into consideration any comments received from the Metropolitan Council and the counties. The WMO will approve or disapprove all or part of the local plan within the 60-day time frame, unless the city agrees to an extension. If the WMO does not complete its review, or fails to approve/disapprove the plan within the allotted time, and the city has not given an extension, the local plan will be considered approved (MN Rules 8410.0170, Subp. 12 and MN Statutes 103B.235, Subd. 3 and 3a).

Once the WMO approves the local plan, the local government must adopt and implement its plan within 120 days and amend its official controls within 180 days of plan approval. Each member city must notify the WMO (and the other affected WMOs) within 30 days of plan adoption and implementation, and adoption of necessary official controls.

Any amendments to the local plan must be submitted to the WMO for review and approval prior to their adoption by the member city. The WMO review process is the same as for the original local plan.

7.3 Review of WMO Plan

This watershed management plan was submitted to the member cities, the Board of Water and Soil Resources, the Minnesota Pollution Control Agency, the Minnesota Department of Natural Resources, the Minnesota Department of Agriculture, the Minnesota Department of Health, the Minnesota Department of Transportation, the Metropolitan Council, the counties, the Dakota Soil and Water Conservation District, the Ramsey Soil and Water Conservation District, the National Park Service, and Friends of the Mississippi River for formal review, in accordance with Minnesota statutes.

8.0 Plan Revision and Amendments

8.1 Plan Revision and Amendments

This plan remains in effect for ten (10) years from the year it was approved and adopted, unless it is superseded by adoption and approval of a succeeding plan. All amendments to this plan must follow the procedures set forth in this section, or as required by revised laws and rules. Plan amendments may be proposed by any person to the LMRWMO Board, but only the LMRWMO may initiate the amendment process. The LMRWMO may amend its plan in the interim (interim plan amendment) if either minor changes are required or if problems arise that are not addressed in the plan.

In accordance with Minnesota Statutes 103B.231, Subd. 3a, BWSR developed (and occasionally revises) a priority schedule for the revision of water management plans. BWSR uses the schedule to inform WMOs of when they will be required to revise their plans. Minnesota Statutes 103B.231, Subd. 3a also states that once a WMO is notified by BWSR that a plan revision is required, the WMO has 24 months from the date of notification to submit a revised plan for review. If BWSR does not notify the LMRWMO that a plan revision is required and the plan expires, Minnesota Statutes 103B.231, Subd. 3a states that the existing plan, authorities, and official controls of the LMRWMO remain in full force and effect until a revision is approved. The same statute also allows the LMRWMO to submit a draft plan revision for review prior to BWSR's scheduled date. If BWSR fails to begin review of the submitted plan within 45 days of plan submittal, the LMRWMO may adopt and implement the plan without formal BWSR approval.

8.2 General Amendment Procedure

Minnesota Rules 8410.0140, Subp. 2, requires that all plan amendments must adhere to the review process listed in MN Statutes 103B.231, Subd. 11, except when the proposed amendments constitute minor amendments and:

1. The LMRWMO held a public meeting to explain the amendments and published a legal notice of the meeting twice, at least seven days and fourteen days before the date of the meeting;

2. The LMRWMO sent copies of the amendments to the affected local units of government, the Metropolitan Council, and the state review agencies for review and comment; and

3. BWSR either agreed that the amendments are minor or failed to act within 45 days of receipt of the amendments.

The review process for minor plan amendments is more streamlined than the general plan amendment review process. The LMRWMO will also consider sending drafts of proposed amendments to all plan review authorities to receive input before establishing a hearing date or beginning the formal review process.

8.3 Minor Plan Amendments

MN Rules 8410.0140, Subp.3 considers amendments to the approved capital improvement program to be minor plan amendments if the following conditions are met:

1. The original plan set forth the capital improvements but not to the degree needed to meet the definition of "capital improvement program" as provided in Minnesota Statutes, section 103B.205, subdivision 3; and

2. The affected county or counties approve the capital improvement in its revised, more detailed form.

The following examples of other minor plan amendments are given in Minnesota Rules 8410.0020, Subp. 10:

> "...recodification of the plan, revision of a procedure meant to streamline administration of the plan, clarification of the intent of a policy, the inclusion of additional data not requiring interpretation, or any other action that will not adversely affect a local unit of government or diminish a water management organization's ability to achieve its plan's goals or implementation program."

Prior to sending a proposed minor plan amendment out for review, the LMRWMO Board will obtain BWSR's concurrence that the proposed amendment is a minor plan amendment.

8.4 Amendment Format

Upon completion of the plan amendment, the LMRWMO will submit the plan amendment to the appropriate review authorities in a format consistent with Minnesota Rules 8410.0140, Subp. 4. The rule requires that, unless the entire document is reprinted, all amendments adopted must be printed in the form of replacement pages for the plan, each page of which must:

1. Show deleted text as stricken and new text as underlined (for draft amendments under consideration):

2. Be renumbered as appropriate; and

3. Include the effective date of the amendment.

8.5 Distribution of Amendments

The LMRWMO will maintain a distribution list of everyone who receives a copy of the plan. Within 30 days of adopting an amendment, the LMRWMO will distribute copies of the amendment to everyone on the distribution list. The LMRWMO will also consider sending drafts of proposed amendments to all plan review authorities to receive input before establishing a hearing date or beginning the formal review process.

9.0 References

Portions of the *Lower Mississippi River Watershed Management Organization Watershed Management Plan, 2001 (Barr Engineering)* were unchanged and reused in this document. The following documents have been referenced within the text of the Plan and are available within the Appendices of the Plan, from LMRWMO Board, or from member city staff.

1. Minnesota Board of Water and Soil Resources. *Minnesota Rules Chapter 8410. Metropolitan Area Local Water Management*.

2. Barr Engineering. 2001. *Lower Mississippi River Watershed Management Organization Watershed Management Plan*.

3. Barr Engineering. 2009. *Gaps Analysis and Visioning Project for the Lower Mississippi River Watershed Management Organization*.

4. Barr Engineering. 2008. *Water Resource Management Plan for the City of Lilydale.*

5. Barr Engineering. 2008. *City of Inver Grove Heights 2nd Generation Water Resources Management Plan.*

6. Bonestroo. 2006. *Local Surface Water Management Plan for the City of Mendota Heights.*

7. Bonestroo. 2006. *Local Surface Water Management Plan for the City of West Saint Paul.*

8. Emmons and Olivier Resources. 2006. *City of Inver Grove Heights Stormwater Manual – Northwest Area.*

9. MPCA. 2009. *Manual for Assessing the Quality of Minnesota Surface Waters.*

10. WSB & Associates. 2006. *St. Paul Local Surface Water Management Plan.*

11. WSB & Associates. 2004. *Comprehensive Storm Water Management Plan for the City of South St. Paul.*

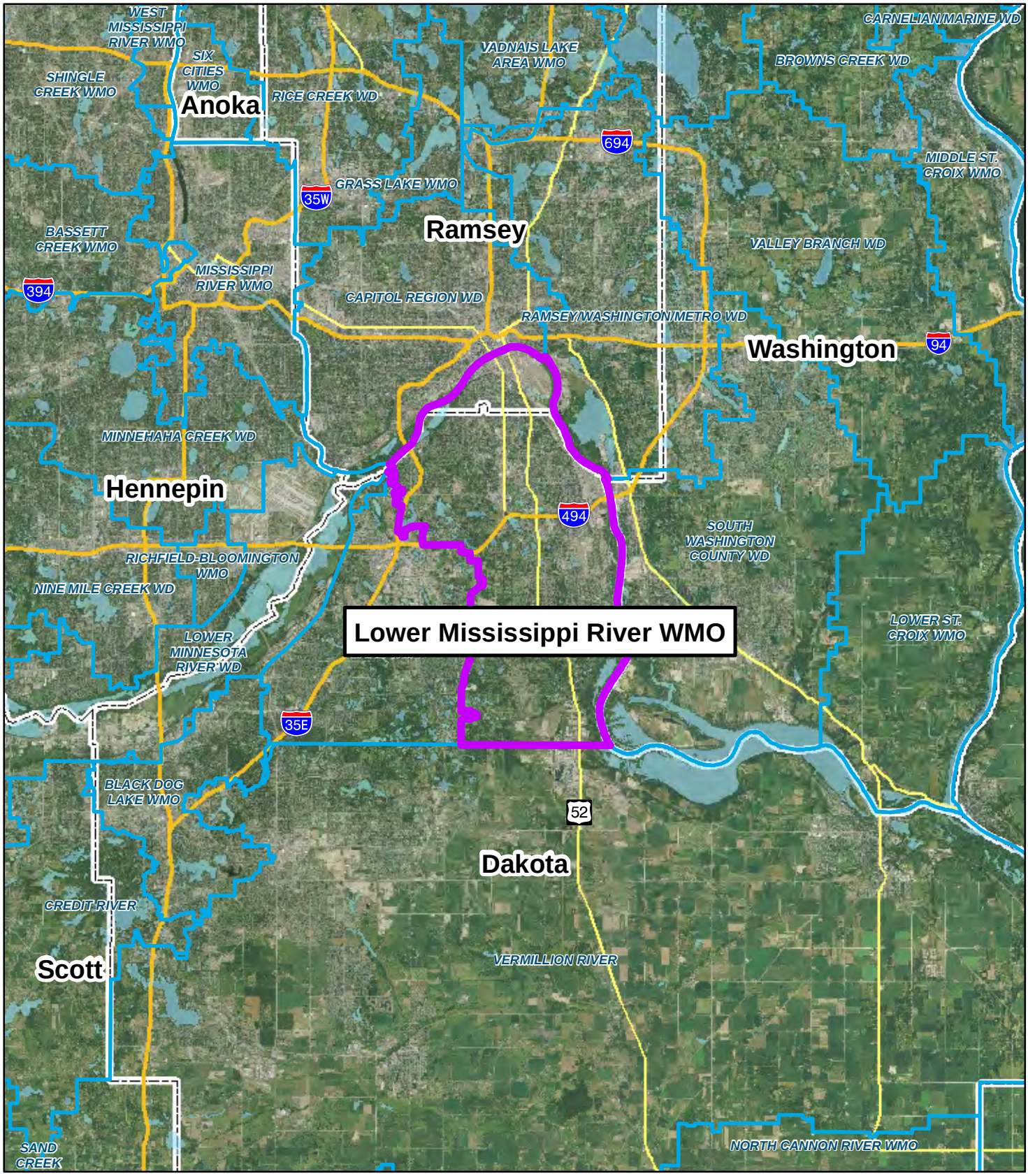
12. WSB & Associates. 2009. *Comprehensive Stormwater Management Plan for the City of Sunfish Lake.*

10.0 Glossary of Acronyms

BMP	Best Management Practice
BWSR	Board of Water and Soil Resources
CAC	Citizen Advisory Committee
CAMP	Citizen Assisted Monitoring Program – MCES
CIP	Capital Improvement Project
CSMP	Citizen Stream Monitoring Program - MPCA
DNR	Minnesota Department of Natural Resources
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
GIS	Geographic Information System
HWL	High Water Level
IDDE	Illicit Discharge Detection and Elimination
JPA	Joint Powers Agreement
LGU	Local Governing Unit
LID	Low Impact Development
LMC	League of Minnesota Cities
LMRWMO	Lower Mississippi River Watershed Management Organization
MCES	Metropolitan Council Environmental Services
MDA	Minnesota Department of Agriculture
MDH	Minnesota Department of Health
MIDS	Minimal Impact Design Standards
MNDOT	Minnesota Department of Transportation
MNRAM	Minnesota Routine Assessment Method for Wetlands
MPCA	Minnesota Pollution Control Agency
MS4	Municipal Separate Storm Sewer System
MUSA	Metropolitan Urban Service Area
NEMO	Nonpoint Source Education for Municipal Officials
NPDES	National Pollutant Discharge Elimination System
NURP	National Urban Runoff Program
NRCS	Natural Resource Conservation Service
NWL	Normal Water Level
OHW	Ordinary High Water Elevation
PAHs	Polycyclic Aromatic Hydrocarbons
P8	Program for Predicting Pollutant Particle Passage through Pits, Puddles, and Ponds
SWCD	Soil and Water Conservation District
SWPPP	Storm Water Pollution Prevention Plan
TAC	Technical Advisory Committee
TMDL	Total Maximum Daily Load
TP	Total Phosphorus
TSS	Total Suspended Solids
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
WCA	Wetland Conservation Act
WD	Watershed District
WHEP	Wetland Health Evaluation Program
WMO	Watershed Management Organization

APPENDIX A

FIGURES



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Legend

- Lower Mississippi River WMO
- Watersheds
- Interstate Highways
- US Highways
- County Boundaries

0 4 8 Miles

Source: Minnesota Department of Natural Resources, 2003

Lower Mississippi River WMO
Watershed Management Plan

Location Map

Figure 1

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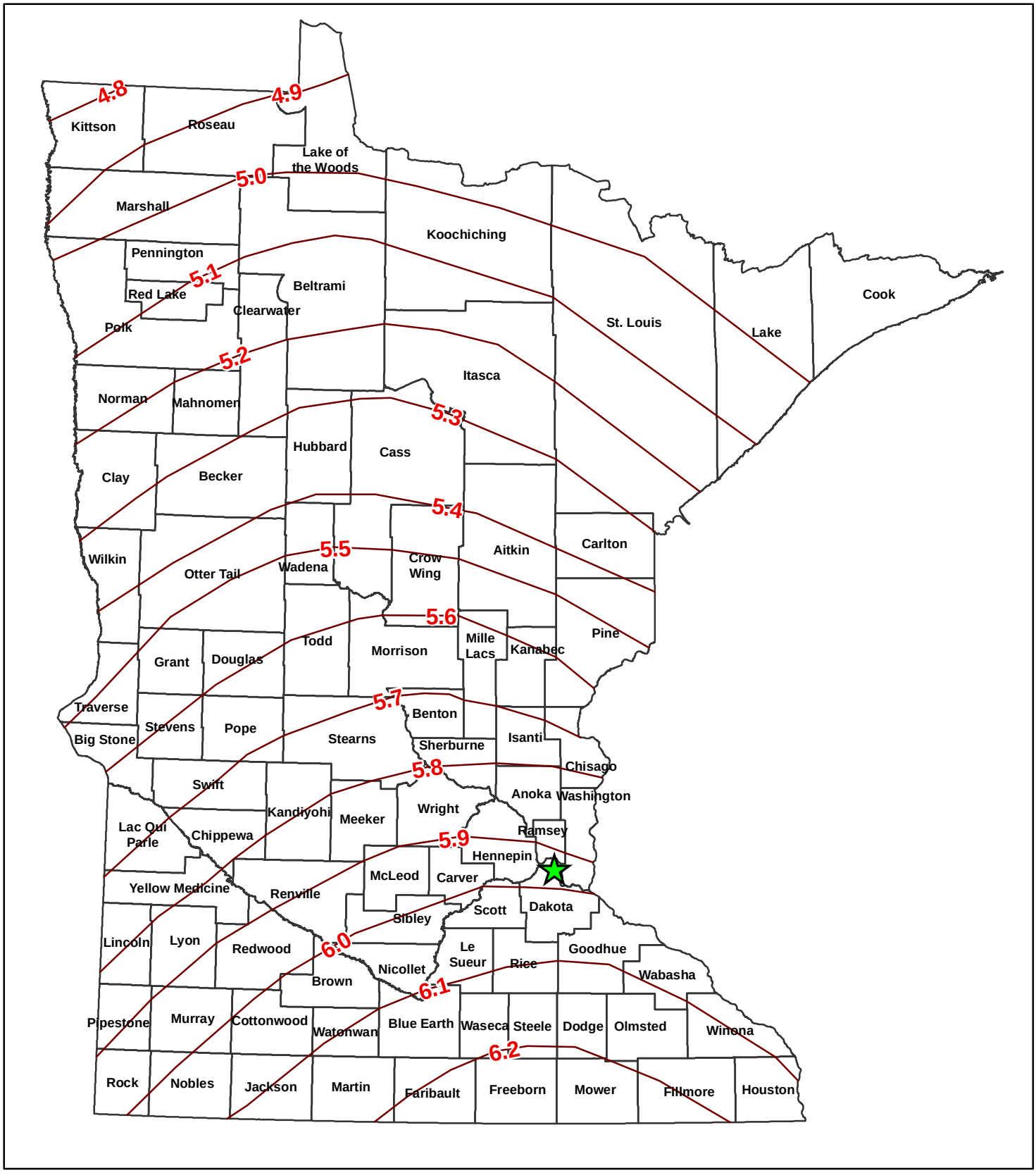
WSB & Associates, Inc.



Lower Mississippi River WMO

Lower Mississippi River WMO
Watershed Management Plan

1% Chance Rainfall Event in 24-hours

Values in Inches

Figure 2

Source: National Oceanic and Atmospheric Administration, Natural Resources Conservation Service, U.S. Department of Agriculture, 2003

N

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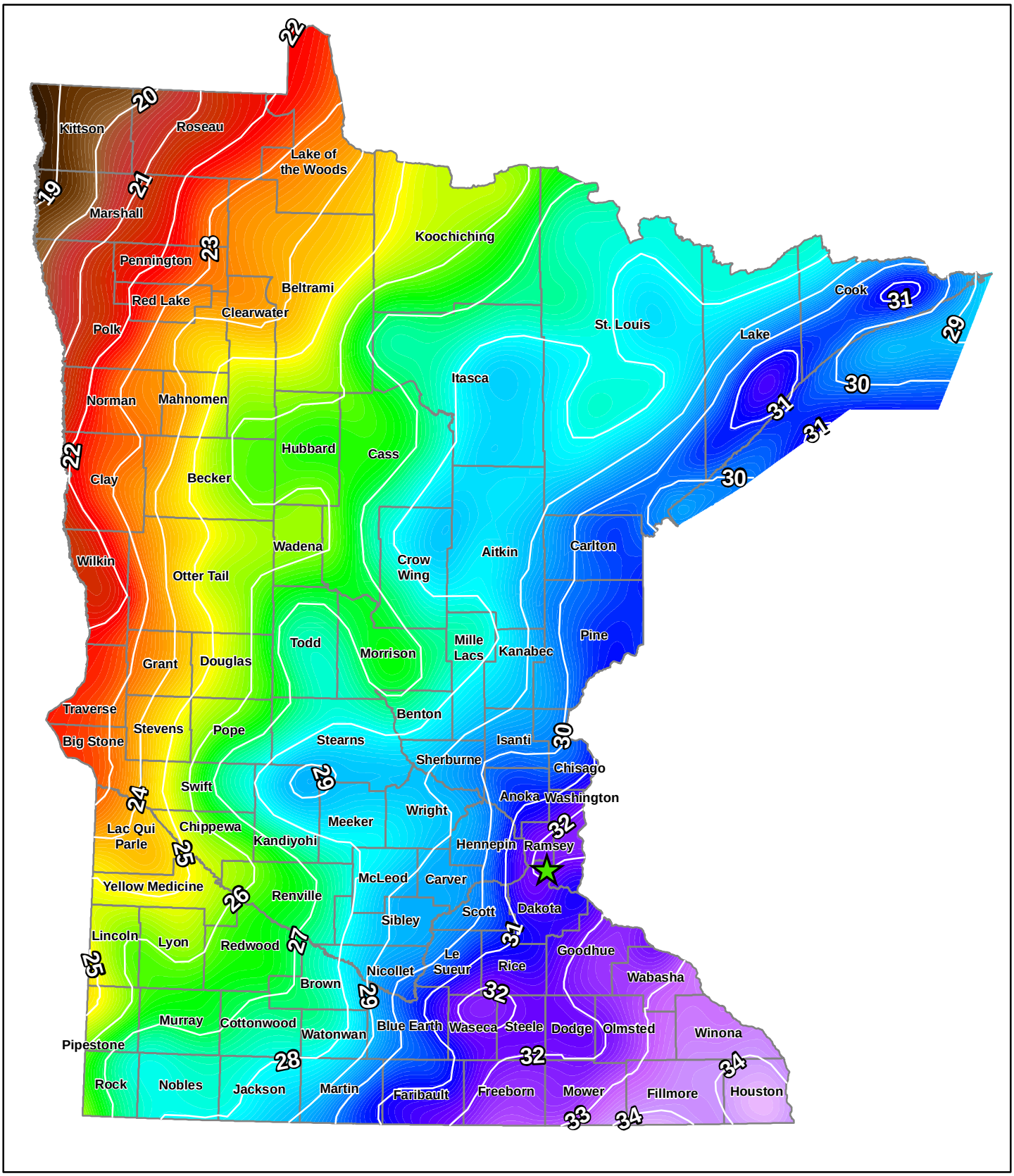
0 50 100 Miles

WSB & Associates, Inc.



Lower Mississippi River WMO

Lower Mississippi River WMO Watershed Management Plan

Source: National Oceanic and Atmospheric Administration, Natural Resources Conservation Service, U.S. Department of Agriculture, 2003

Annual Normal Precipitation

Values in Inches

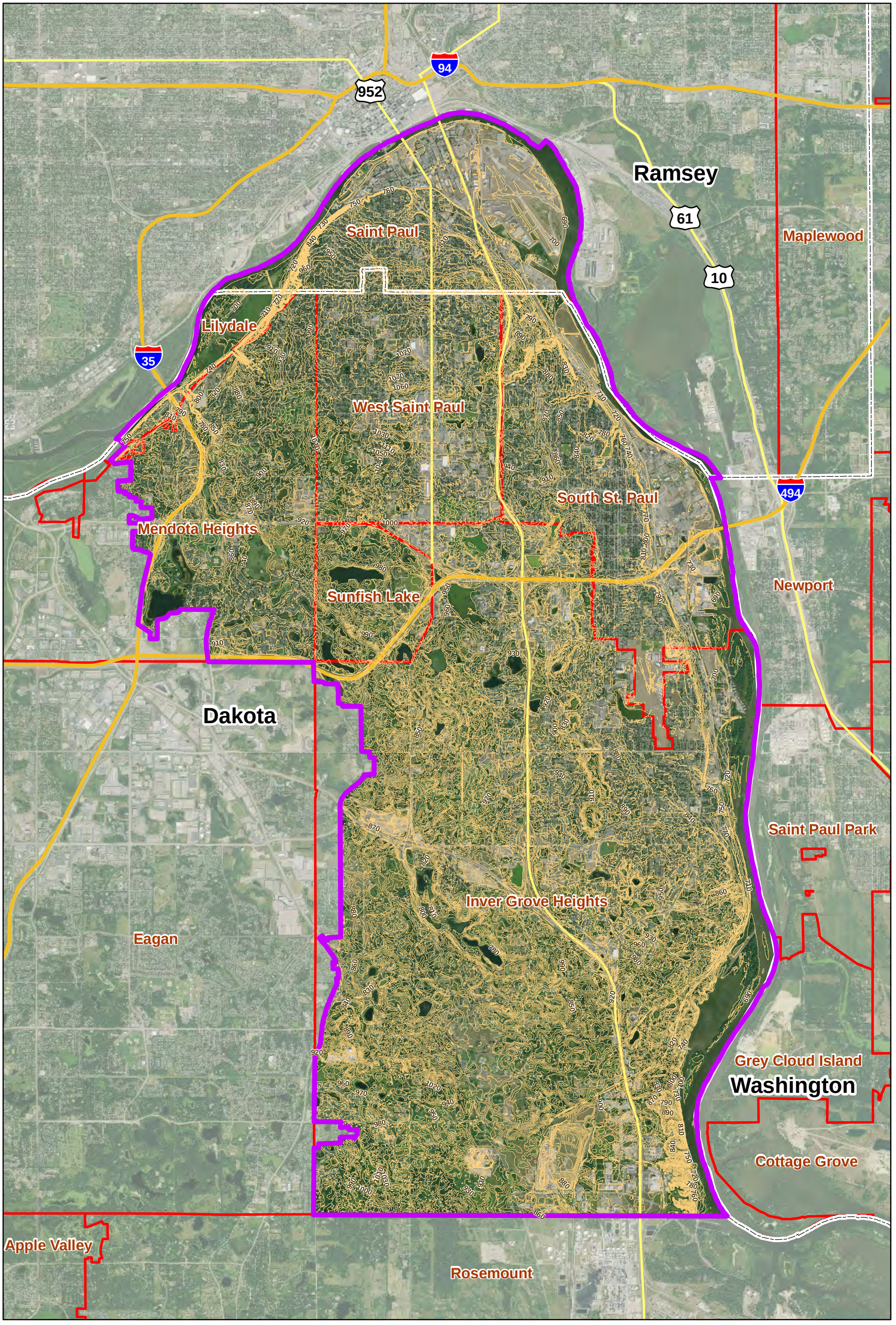
Figure 3

0 50 100 Miles

N S

WSB & Associates, Inc.

File: K:\01721-02\GIS\Maps\Figures\Figure3_AnnualPreciptation.mxd, Aug 30, 2010 2:54:51 PM



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Legend

- 10-ft Contours
- Lower Mississippi River WMO
- Municipal Boundaries

Lower Mississippi River WMO
Watershed Management Plan

Contours

Figure 4

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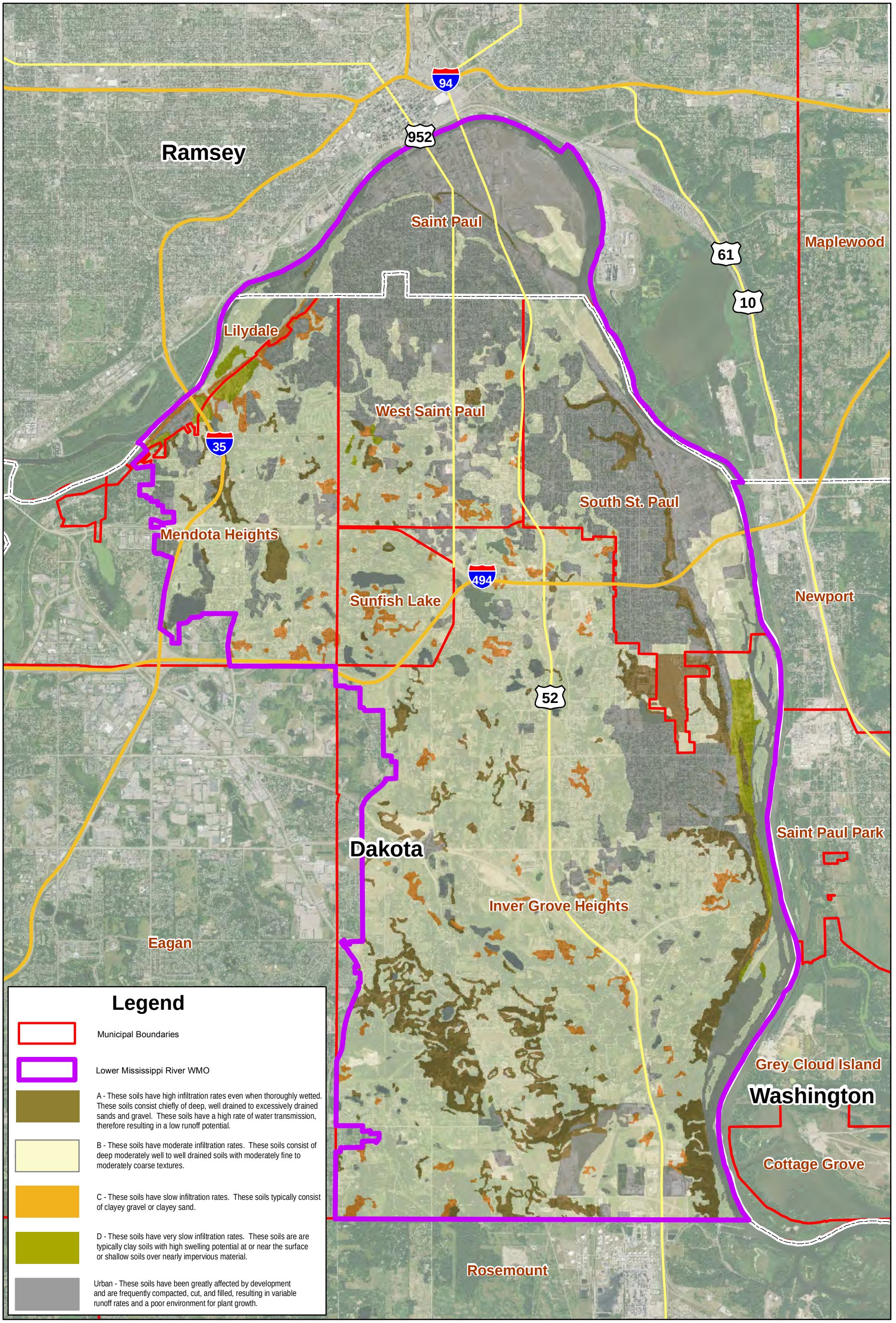
0 5,000 Feet

Source: Dakota County, 2004
Ramsey County, 2006

WSB & Associates, Inc.



File: K:\01721-02\GIS\Maps\Figures\Figure5_Soils.mxd, Aug 30, 2010 3:00:05 PM

LMRWMO Soil Breakdown:

Group A – 7.8%
Group B – 57.6%
Group C – 2.6%
Group D – 1.0%
Urban – 31.0%

Note As a result of continued development, there are likely more Urban soils than are shown on this map.

Lower Mississippi River WMO Watershed Management Plan

Hydrologic Soils Classification

Figure 5

Source: Natural Resources Conservation Service, 2008

N

S

0 5,000 Feet

WSB & Associates, Inc.

Ramsey
Saint Paul
Maplewood
Lilydale
West Saint Paul
South St. Paul
Mendota Heights
Sunfish Lake
Newport
Dakota
Washington
Saint Paul Park
Inver Grove Heights
Eagan
Grey Cloud Island
Cottage Grove
Apple Valley
Rosemount
94
952
61
10
35
494
52

File: K:\01721-02\GIS\Maps\Figures\Figure6_Bedrock.mxd, Aug 30, 2010 3:01:55 PM

Legend

- Municipal Boundaries
- Lower Mississippi River WMO

Depth to Bedrock (ft)

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 200
- Over 200

Lower Mississippi River WMO
Watershed Management Plan

Depth to Bedrock

Figure 6

Source: Minnesota Geologic Survey, 2006

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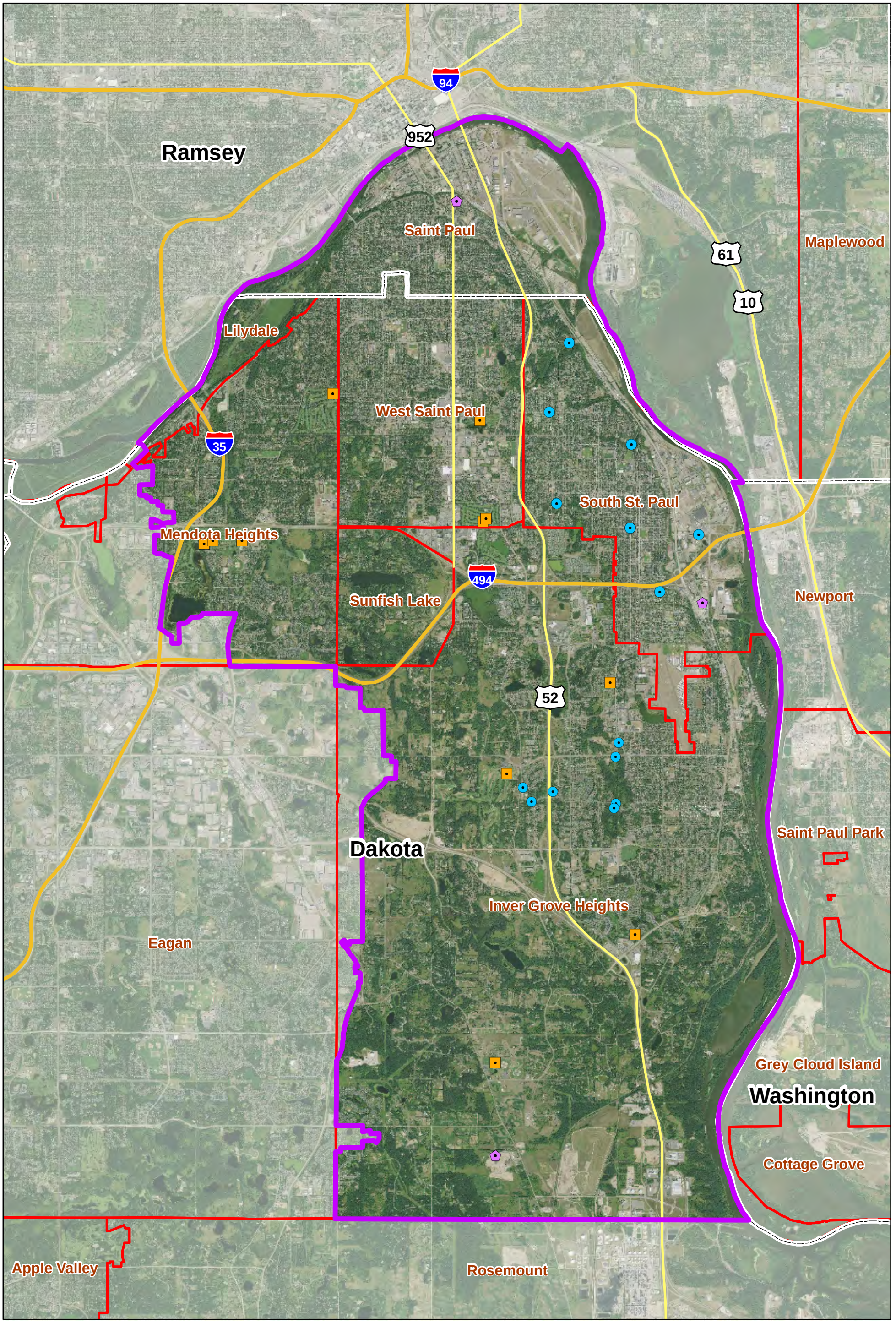
Feet

WSB & Associates, Inc.



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Legend

- Lower Mississippi River WMO
- Municipal Boundaries
- Industrial Processing
- Non-Crop Irrigation
- Waterworks (Wells)

Lower Mississippi River WMO
Watershed Management Plan

Groundwater Appropriations

Figure 7

Source: Minnesota Department of Natural Resources, 2010, City of Inver Grove Heights, 2011, City of South St. Paul, 2011

N

0 5,000 Feet

S

WSB & Associates, Inc.

Ramsey
Saint Paul
Maplewood
Lilydale
West Saint Paul
South St. Paul
Mendota Heights
Sunfish Lake
Newport
Washington
Saint Paul Park
Dakota
Inver Grove Heights
Eagan
Grey Cloud Island
Cottage Grove
Rosemount
94
952
61
10
35
494
52

Note: The Depth to Groundwater shown on this map is an interpolation. A groundwater elevation raster was created using known lake, wetland, and soil boring information. The depth to groundwater was then calculated by subtracting the groundwater elevations from ground elevations throughout the WMO. Groundwater elevations were then verified using well information from the county well index and water table elevations from the Dakota and Ramsey County Geologic Atlases. For exact groundwater information it is suggested that soil borings be performed at the desired location.

Lower Mississippi River WMO
Open Water Surface

Depth to Groundwater (ft)

0 - 10
10 - 25
25 - 50
50 - 100
100+
Municipal Boundaries

Lower Mississippi River WMO
Watershed Management Plan

Depth (ft) to Groundwater

Figure 8

Source: WSB & Associates, 2010

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S
0
5,000
Feet

WSB & Associates, Inc.

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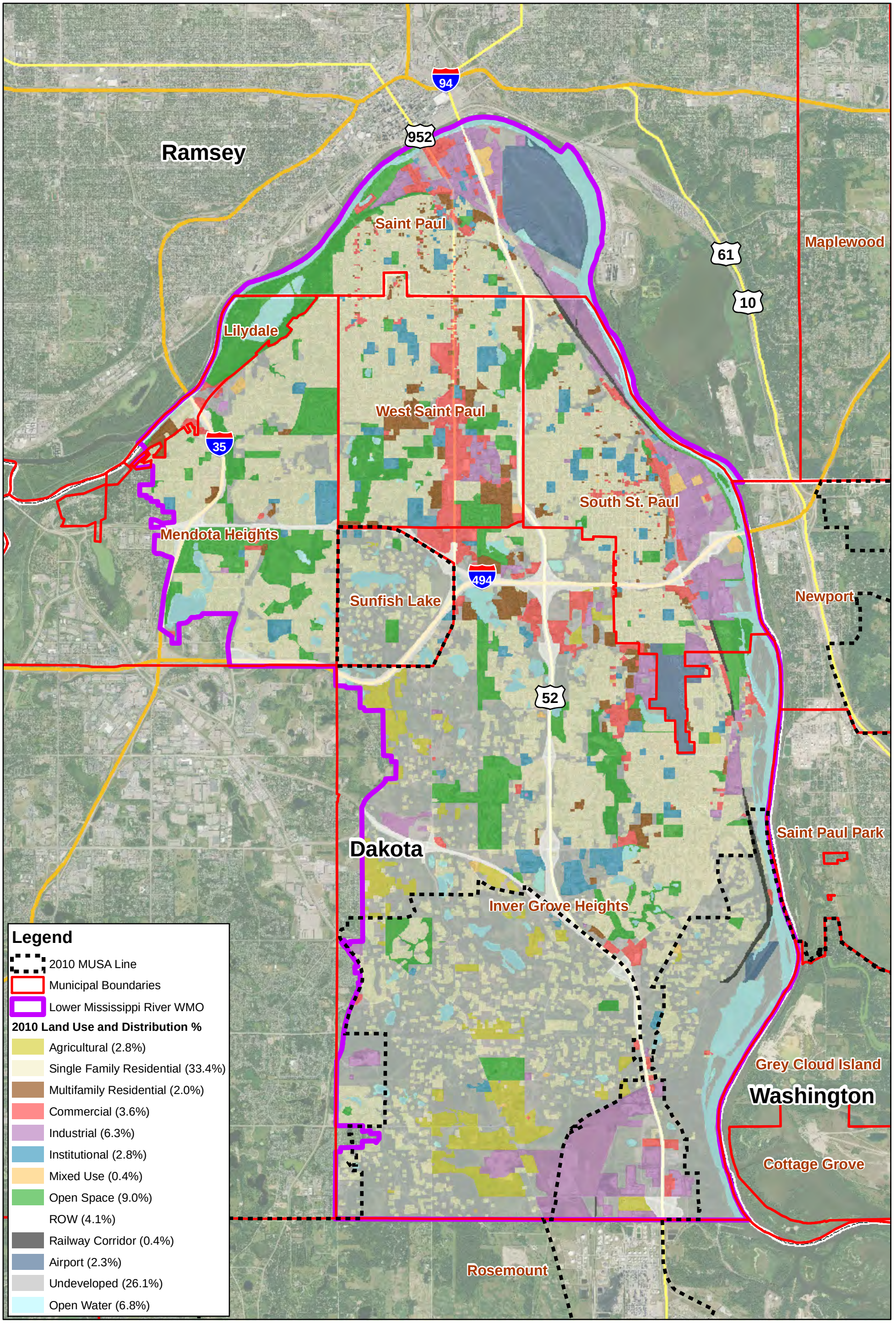

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Lower Mississippi River WMO
Watershed Management Plan

2010 Land Use

Figure 9

Source: Metropolitan Council, 2010
City of Inver Grove Heights, 2010

N S

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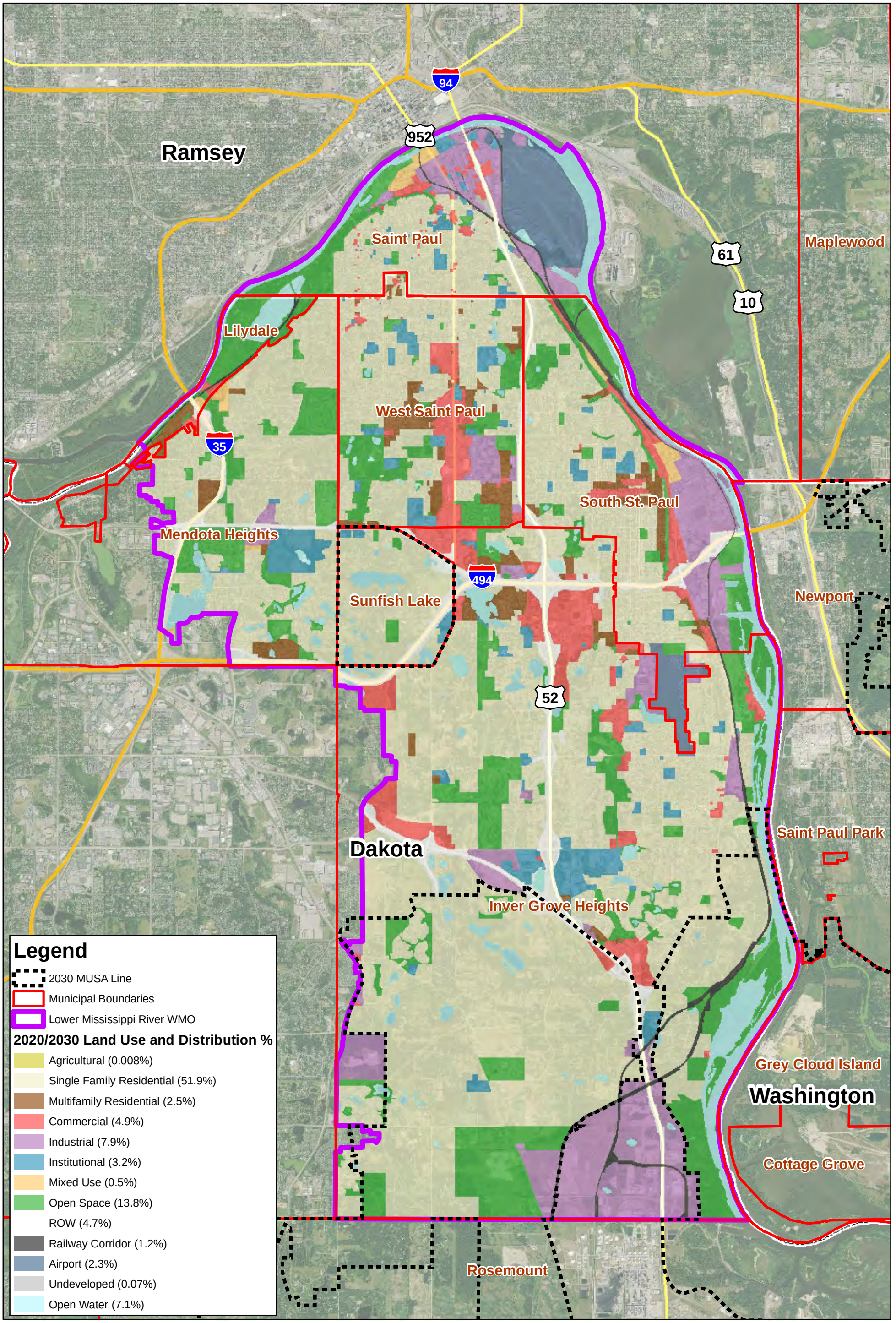
WSB & Associates, Inc.



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NOTE The following Cities Land Use Plan is for 2030:
Inver Grove Heights, Lilydale, Sunfish Lake, and West St. Paul

The following Cities Land Use Plan is for 2020:
Mendota Heights, South St. Paul, and St. Paul

Lower Mississippi River WMO Watershed Management Plan

2020/2030 Land Use

Figure 10

Source: Metropolitan Council, 2010
City of Inver Grove Heights, 2010

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5,000
Feet

WSB & Associates, Inc.

Ramsey
Saint Paul
Maplewood
West Saint Paul
South St. Paul
Mendota Heights
Newport
Sunfish Lake
Dakota
Saint Paul Park
Inver Grove Heights
Eagan
Grey Cloud Island
Washington
Cottage Grove
Rosemount
Apple Valley
River Lake
Lilydale
Pickerel Lake
Lily Lake
Thompson Lake
Mud Lake
Seidls Pond
Golf Course Pond
Friendly Marsh
Sunfish Lake
Schmitt Lake
Rogers Lake
Horseshoe Lake
Hornbean Lake
Dickman Lake
Simley Lake
Marcott Lake
Bohner Pond
Mississippi River
Mississippi River
94
952
61
10
35
494
52
62-3 P
19-79 P
19-79 P
19-84 W
19-85 W
19-48 W
19-38 W
19-86 P
19-87 P
19-89 P
19-91 P
19-104 W
19-93 W
19-94 W
19-95 W
19-100 W
19-101 W
19-102 W
19-50 P
19-99 W
19-98 W
19-49 P
19-97 W
19-96 W
19-108 W
19-103 P
19-237 W
19-52 P
19-233 W
19-231 W
19-232 W
19-80 P
19-227 W
19-228 W
19-234 W
19-235 W
19-229 W
19-236 W
19-47 P
19-238 W
19-51 P
19-239 W
19-46 P
19-35 P
19-240 W
19-241 W
19-242 W
19-243 W
19-246 W
19-249 W
19-248 W
19-245 W
19-214 W
19-34 P
19-247 W
19-270 W
19-266 W
19-265 W
19-37 P
19-263 W
19-264 W
19-262 W
19-269 W
19-267 W
19-38 P
19-41 P
19-268 W
19-271 W
19-260 W
19-261 W
19-40 W
19-272 W
19-273 W
19-230 W
19-274 W
19-275 W
19-39 W
19-284 W
19-277 W
19-276 W
19-42 P
19-278 W
19-287 W
19-286 W
19-282 W
19-288 W
19-285 W
19-43 P
19-279 W
19-289 W
19-280 W
19-281 W
19-300 W
19-302 W
19-299 W
19-301 W
19-296 W
19-295 W
19-297 W
19-298 W
19-53 W
19-303 W
19-304 W
19-305 W
19-306 W
19-310 W
19-313 W

Legend

- Municipal Boundaries
- Lower Mississippi River WMO
- DNR Public Water Inventory (PWI)

Lower Mississippi River WMO
Watershed Management Plan

DNR Public Water Inventory (PWI) Map

Figure 11

Source: Minnesota Department of Natural Resources, 2008

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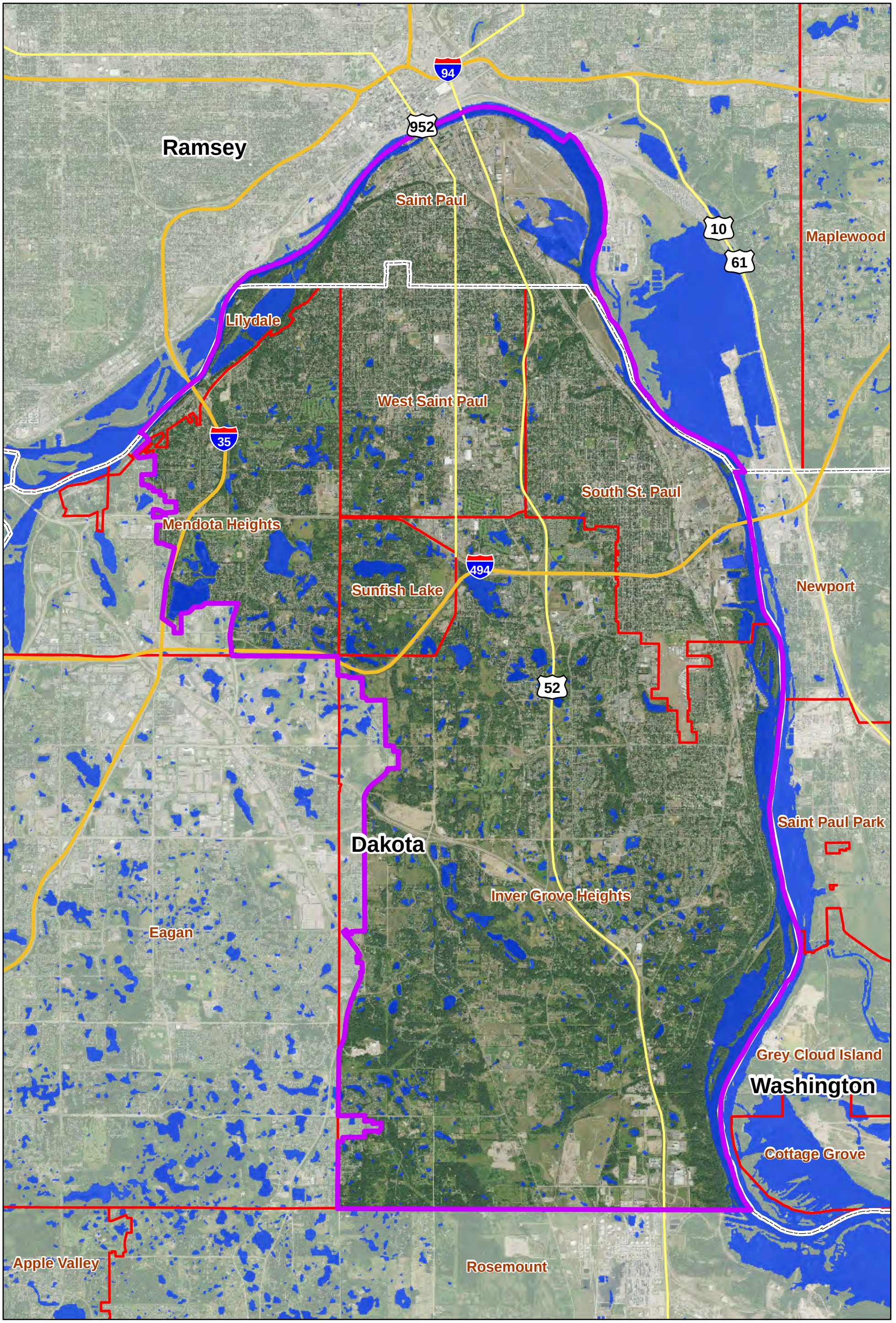
Feet

WSB & Associates, Inc.



Legend

- Municipal Boundaries
- Lower Mississippi River WMO
- National Wetlands Inventory

Lower Mississippi River WMO
Watershed Management Plan

National Wetlands Inventory Map

Figure 12

Source: U.S. Fish and Wildlife Service, 2010

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WSB & Associates, Inc.

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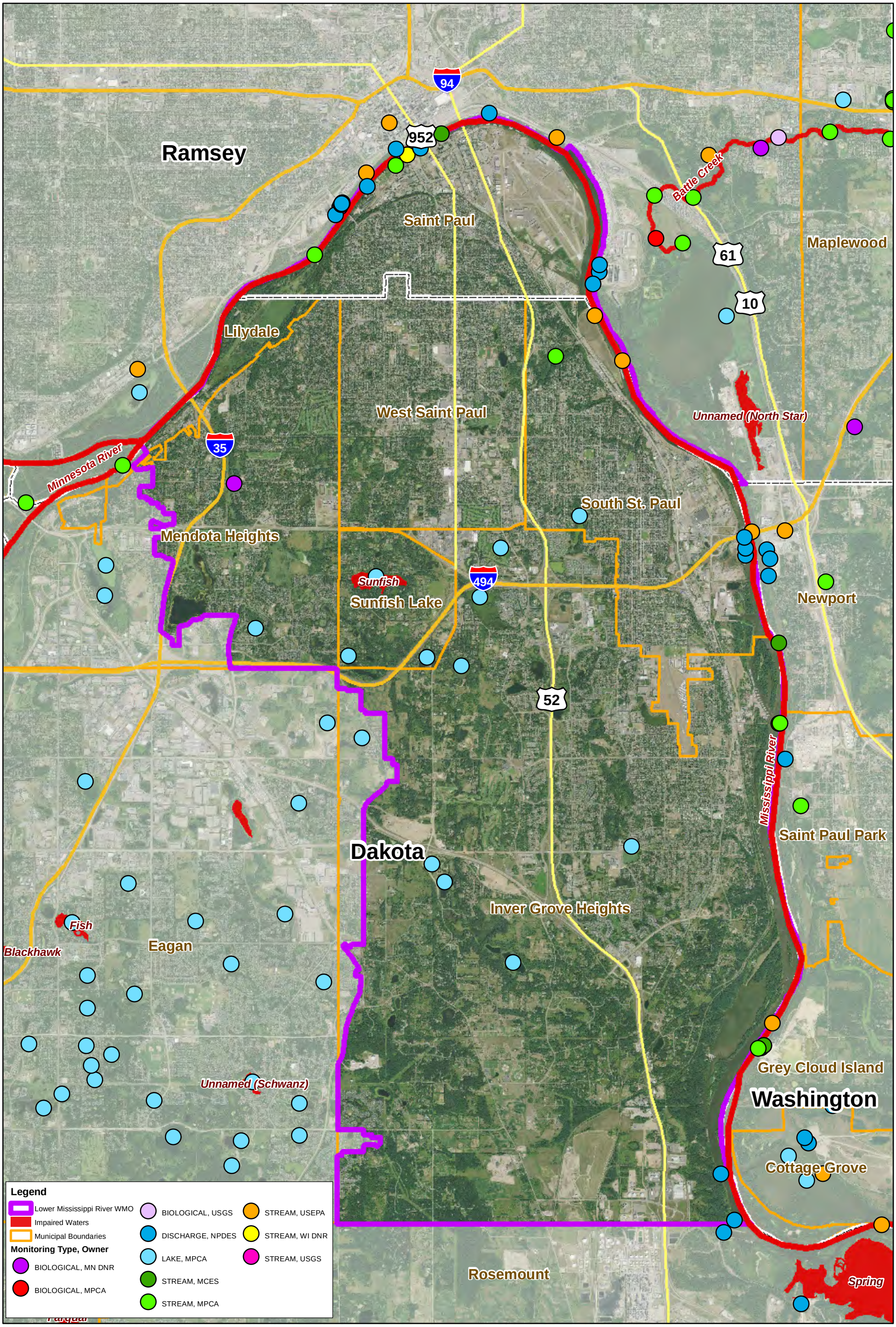

File: K:\01721-02\GIS\Maps\Figures\Figure13_MonitoringLocations.mxd, Aug 30, 2010 3:43:31 PM

Source: Minnesota Pollution Control Agency, 2006

Lower Mississippi River WMO
Watershed Management Plan

Water Quality Monitoring Locations

Figure 13

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WSB & Associates, Inc.

Ramsey
Saint Paul
Riverview
Maplewood
Highway 13
Lilydale
Highway 13
South St. Paul 1
Ivy Falls Creek
Highway 13
Simons Ravine
South St. Paul 2
West Saint Paul
Highway 13
Wentworth Street
Gun Club Lake
South St. Paul
Gun Club Lake
Mendota Heights
South St. Paul 3
Interstate Valley Creek
Highway 110-494
Newport
Sunfish Lake
Gun Club Lake
Gun Club Lake
Gun Club Lake
Old Village
Babcock Trail
Argenta Trail
South Grove
Valley Park
Northwest
Washington
Skyline Village
Saint Paul Park
Dakota
Simley Lake
Inver Grove Heights
Arbor Pointe
Eagan
Jefferson Trail
South Marcott Lakes
Inver Grove Trail
Mississippi River
Barnes Avenue
Rich Valley
Pine Bend
Grey Cloud Island
Eagan
110th Street
Eagan
Albavar Path
Cottage Grove
Rosemount
Rosemount
Rosemount
Rosemount

Legend

Lower Mississippi River WMO

Municipal Boundaries

Subwatersheds

Group A - Watershed to Mississippi River outlet that encompasses more than one city.

Group B - Watershed to Mississippi River outlet that includes only one city.

Group C - Watershed that currently has no outlet to the Mississippi River (landlocked), and no outlet is planned for the next 10 to 20 years.

Lower Mississippi River WMO
Watershed Management Plan

Subwatersheds

Figure 14

Source: Member City Water Management Plans: Inver Grove Heights (2008), Lilydale (2008), Mendota Heights (2006), Saint Paul (2006), South St. Paul (2004), Sunfish Lake (2009), West Saint Paul (2006)

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WSB & Associates, Inc.

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Legend

- Municipal Boundaries
- Lower Mississippi River WMO
- 100-Year Floodplain
- 500-Year Floodplain

Lower Mississippi River WMO Watershed Management Plan

Floodplain Boundary Map

Figure 15

Source: Federal Emergency Management Agency, 2003

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WSB & Associates, Inc.

Ramsey
Saint Paul
Maplewood
Lilydale
West Saint Paul
Mendota Heights
South St. Paul
Sunfish Lake
Newport
Dakota
Saint Paul Park
Inver Grove Heights
Grey Cloud Island
Washington
Cottage Grove
Rosemount
94
952
61
10
35
494
52

Legend

Scientific and Natural Areas

- Pig's Eye Island Heron Rookery SNA
- Pine Bend Bluffs SNA

Native Plant Communities

- Black Ash - (Red Maple) Seepage Swamp
- Black Ash - Yellow Birch - Red Maple - Basswood Swamp (Eastcentral)
- Bulrush Marsh (Northern)
- Calcareous Fen (Southeastern)
- Dry Sand - Gravel Prairie (Southern)
- Elm - Ash - Basswood Terrace Forest
- Northern Bulrush-Spikerush Marsh
- Oak - (Red Maple) Woodland
- Red Oak - Sugar Maple - Basswood - (Bitternut Hickory) Forest
- Red Oak - White Oak Forest
- Sand Beach/Sandbar (River)
- Sedge Meadow
- Silver Maple - (Virginia Creeper) Floodplain Forest
- Southern Mesic Maple-Basswood Forest
- Spikerush - Bur Reed Marsh (Northern)
- White Pine - Oak Woodland (Sand)
- Willow - Dogwood Shrub Swamp
- Willow Sandbar Shrubland (River)
- Lower Mississippi River WMO
- Municipal Boundaries

Lower Mississippi River WMO
Watershed Management Plan

Native Plant Communities and Scientific and Natural Areas

Figure 16

Source: Minnesota Department of Natural Resources, 2010

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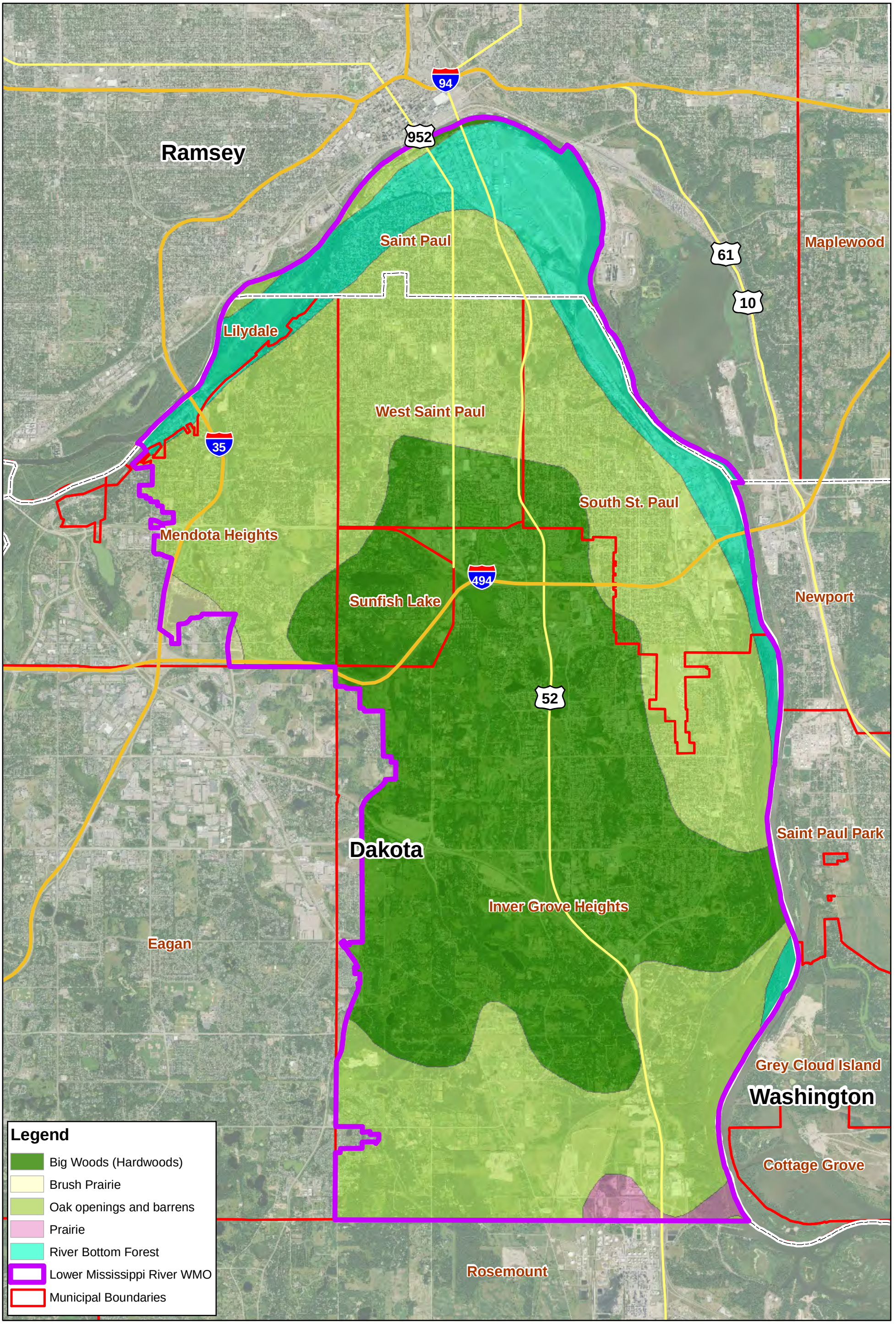
WSB & Associates, Inc.



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Source: Minnesota Department of Natural Resources, 1994

Lower Mississippi River WMO
Watershed Management Plan

Presettlement Vegetation

Figure 17

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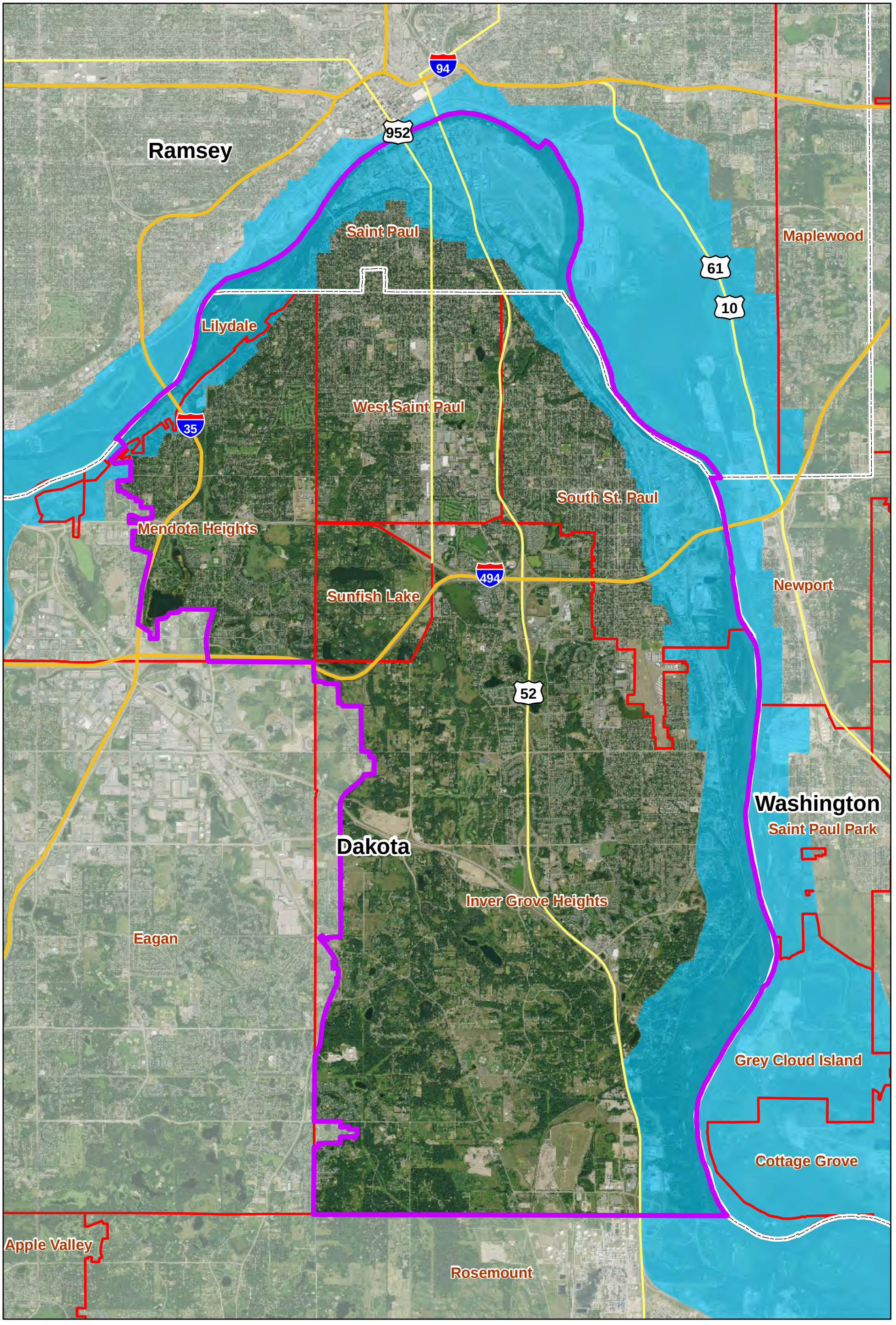

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Legend

- Municipal Boundaries
- Lower Mississippi River WMO
- Mississippi River Corridor Critical Area

Lower Mississippi River WMO
Watershed Management Plan

Mississippi River Corridor Critical Area

Figure 18

Source: Minnesota Department of Natural Resources, 2000

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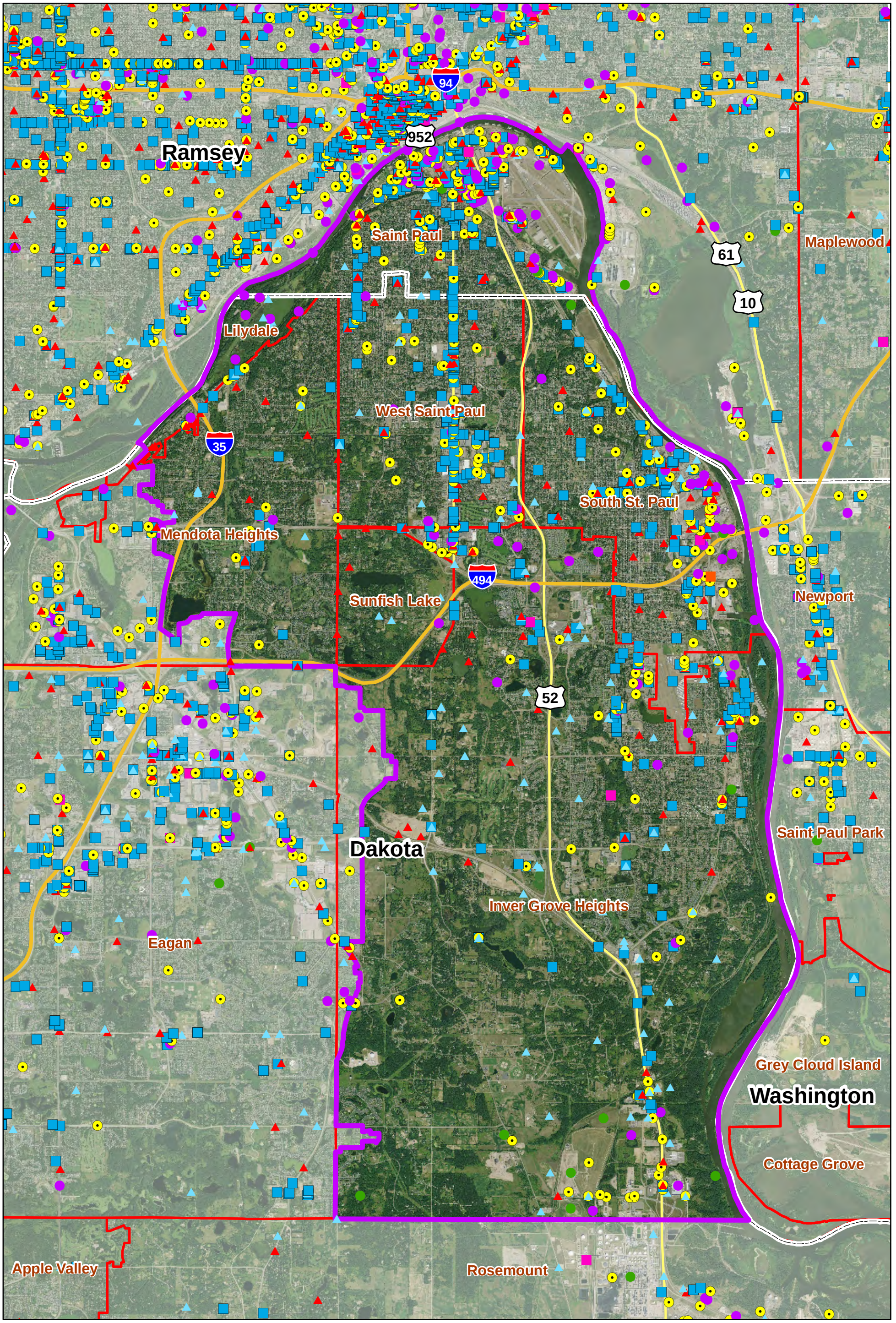
WSB & Associates, Inc.



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Legend

- Lower Mississippi River WMO
- Municipal Boundaries
- Air
- Investigation and Cleanup
- Water
- Feedlot
- Hazardous Waste
- Solid Waste
- Tanks and Leaks
- Multiple Activities

Lower Mississippi River WMO
Watershed Management Plan

Possible Pollutant Sources

Figure 19

Source: Minnesota Pollution Control Agency, 2009

Contact the MPCA or go to "What's In My Neighborhood" at www.pca.state.mn.us for more information.

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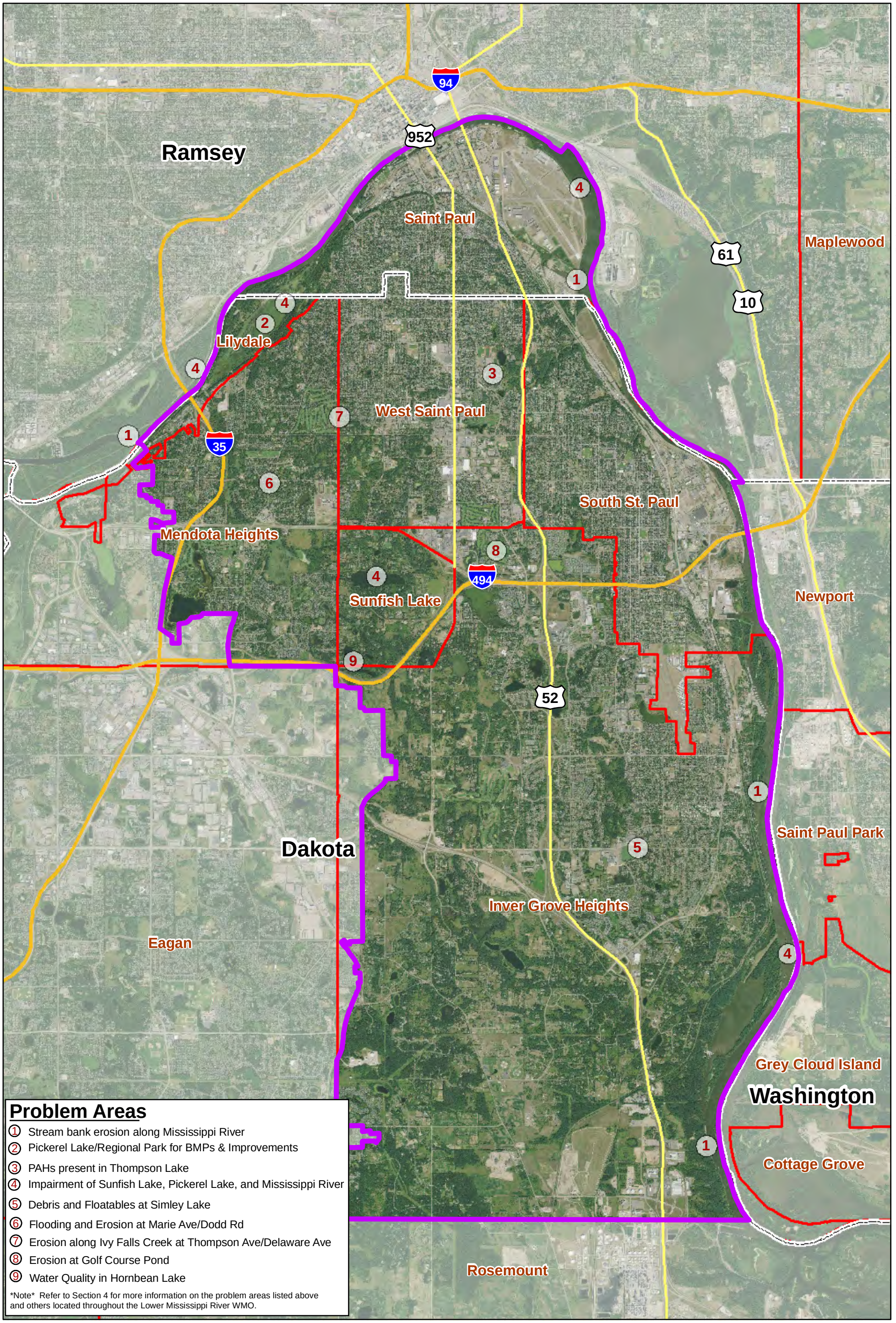
0 5,000 Feet

WSB & Associates, Inc.



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Lower Mississippi River WMO
Watershed Management Plan

Problem Areas and Land Use Conflicts with Water Resources

Figure 20

Legend

- Lower Mississippi River WMO
- Municipal Boundaries

N

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0 5,000 Feet

Source: Technical Advisory Committee and Citizen Advisory Committee for 3rd Generation Plan, 2010

WSB & Associates, Inc.

APPENDIX B

JOINT POWERS AGREEMENT

REVISED AND RESTATED

JOINT POWERS AGREEMENT ESTABLISHING A WATERSHED MANAGEMENT ORGANIZATION FOR THE LOWER MISSISSIPPI RIVER WATERSHED

THE PARTIES TO THIS AGREEMENT ("Agreement") are Members of the Lower Mississippi River Watershed Management Organization and have land that drain surface water into the Mississippi River. This Agreement amends and restates the original Joint Powers Agreement between the Members which became effective in 1985 and includes all prior Amendments to the 1985 Joint Powers Agreement. This Agreement is made pursuant to the authority conferred upon the parties by Minn. Stat. §§ 471.59 and 103B.201 - 103B.252.

SECTION 1. NAME AND LEGAL BOUNDARY. The parties hereby establish the Lower Mississippi River Watershed Management Organization, hereinafter referred to as the "WMO." The "Legal Boundary Map of the Lower Mississippi River Watershed Management Organization" is attached hereto as Exhibit A.

SECTION 2. PURPOSE. The purpose of this Agreement is to provide an organization to regulate the natural water storage and retention of the Lower Mississippi watershed to:

A. Protect, preserve, and use natural surface and ground water storage and retention systems;

B. Minimize public capital expenditures needed to correct flooding and water quality problems;

C. Identify and plan for means to effectively protect and improve surface and ground water quality;

D. Establish more uniform local policies and official controls for surface and ground water management;

E. Prevent erosion of soil into surface water systems;

F. Promote ground water recharge;

G. Protect and enhance fish and wildlife habitat and water recreational facilities;

H. Secure the other benefits associated with the proper management of surface and ground water; and

I. Carry out all the duties and responsibilities in Minn. Stat. §§ 471.59 and 103B.201 - 103B.252.

SECTION 3. DEFINITIONS.

Subdivision 1. *"Allowable Flow"* means the rate and volume of flow, according the to design criteria set forth in the Watershed Management Plan, at which a Member community may discharge into the drainage system without financial obligation and as the rate and volume of surface water runoff from a tributary area under natural conditions, with a drainage system in place which has been designed and constructed according to the criteria stated herein, excluding diverted waters. Current topographic data that exists on the enactment date of this Agreement shall be used for the determination of the natural conditions and calculation of the allowable flow.

Subdivision 2. *"Board"* means the board of managers of the WMO.

Subdivision 3. *"Council"* means the governing body of a governmental unit which is a Member of this WMO.

Subdivision 4. *"Drainage Facilities"* means any improvement constructed for the conveyance or storage of surface water.

Subdivision 5. *"Drainage System"* means the combination of drainage facilities required to safely control or convey runoff water from a major tributary drainage area(s) to a point of final discharge into a water body.

Subdivision 6. *"Excessive Flow"* means that rate and volume of flow, calculated according to the design criteria in the Watershed Management Plan, from a Member which is in excess of the allowable flow of that Member.

Subdivision 7. *"Governmental Unit"* means any city.

Subdivision 8. *"Lower Mississippi River Watershed"* or *"Watershed"* means the area contained within the "Legal Boundary Map of the Lower Mississippi River Water Management Organization" attached hereto as Exhibit "A".

Subdivision 9. *"Manager"* means the representative appointed to the Board by a Member.

Subdivision 10. *"Member"* means a governmental unit which enters into this Agreement.

Subdivision 11. *"Natural Conditions"* means the characteristics of the land on the date of enactment without regard to any urban development including structures, parking lots, or other artificial improvements.

Subdivision 12. *"Rate of Flow"* means the discharge of surface water runoff as a function of time which has been calculated according to the design criteria identified in the Watershed Management Plan. The rate of flow shall apply to the design and construction of open channels and storm sewer conduits.

Subdivision 13. *"Volume of Flow"* means the total discharge of all surface water runoff which has been calculated according to the design criteria identified in the Watershed Management Plan. The volume of runoff flow shall apply to the design and construction of detention facilities.

Subdivision 14. *"Watershed Management Organization"* or *"WMO"* means the organization created by this Agreement the full name of which is "Lower Mississippi River Watershed Management Organization." It shall be a public agency of its Members.

SECTION 4. MEMBERSHIP. The Membership of the WMO shall consist of the following governmental units, each entitled to the following eligible votes:

Member	Votes
City of Inver Grove Heights	3 votes
City of Lilydale	1 vote
City of Mendota Heights	2 votes
City of Saint Paul	2 votes
City of South Saint Paul	2 votes
City of Sunfish Lake	1 vote
City of West Saint Paul	2 votes

No change in governmental boundaries, structure, organizational status, or character shall affect the eligibility of any governmental unit listed above to be represented on the WMO, so long as such governmental unit continues to exist as a separate political subdivision. A majority of all eligible votes shall be sufficient for all matters, unless otherwise provided for in this Agreement. A majority vote of all Members, with each Member having one vote, shall be required for Section 7. A Member may not cast a split vote. Any Member that fails to contribute their share of the WMO annual administration fund or their allocation of a capital improvement cost, shall be declared ineligible for voting on all matters before the Board, until such contribution is made to the WMO.

SECTION 5. ADVISORY COMMITTEES.

Subdivision 1. Technical Advisory Committee. The following governmental subdivisions or agencies shall be requested to appoint a non-voting advisory Member to the WMO: Dakota County, Ramsey County, Dakota County Soil and Water Conservation District. The advisory Members shall not be required to contribute funds for the operation

of the WMO, except as provided in Minn. Stat. § 103B.251, but may provide technical services.

Subdivision 2. Citizen Advisory Committee. The WMO may establish a citizen advisory committee ("CAC") from the public at large to provide input on Watershed Management Plan revisions and other matters as deemed appropriate. The CAC shall be appointed by the WMO considering individuals nominated by each Member. The WMO will notify each Member of its intent to establish a CAC, will specify the purpose and duration of the CAC, and will request each Member to nominate candidates to be considered for appointment by the WMO. At the time of establishment of a CAC, the WMO will appoint a chair of the CAC, a board member liaison to the CAC, establish a time for submittal of any comments, and specify the support the WMO will provide to the CAC.

SECTION 6. BOARD OF MANAGERS.

Subdivision 1. Appointment. The governing body of the WMO shall be its Board. Each Member shall be entitled to appoint one Manager and an alternate on the Board. The alternate shall have the right to vote in the absence of their representative. Vacancies in the office of Manager shall be filled for the remainder of the term by the Member which appointed or had the right to appoint the Manager. All vacancies shall be filled within ninety (90) days after they occur.

Subdivision 2. Eligibility or Qualification. The Council of each Member shall determine the eligibility or qualification of its representative on the WMO.

Subdivision 3. Term. The Managers shall not have a fixed term, but shall serve at the pleasure of the Member appointing such Manager to the Board.

Subdivision 4. Removal. A Manager may not be removed from the Board prior to the expiration of his or her term, unless the Manager consents in writing or unless removed in accordance with the procedures provided under Minnesota Rules 8410.0040.

Subdivision 5. Compensation. Managers shall serve without compensation from the WMO, but this shall not prevent a Member from providing compensation for its Manager.

Subdivision 6. Organizational Meeting. At the first meeting of the Board each year, the Board shall elect from its Managers a chair, a vice chair, a secretary/treasurer, and such other officers as it deems necessary to conduct its meetings and affairs. The Board shall adopt rules of order and procedure governing its meetings and affairs. The rules of order and procedure may be amended from time to time at either a regular or a special meeting of the Board provided that at least ten (10) days' prior notice of the proposed amendment has been furnished to each person to whom notice of the Board meetings is required to be sent. A majority vote of all eligible votes of the Members of the WMO shall be sufficient to adopt any proposed amendment to such rules of order and procedure.

Subdivision 7. Annual Meeting Requirement. The Board shall meet at least annually, at times and places selected by the Board. If the Board changes its regularly established meeting place or time, it shall place a notice of the change on a bulletin board at least three (3) days in advance in the building where it was scheduled to meet.

Subdivision 8. Committees. The Board may establish committees as it deems appropriate.

Subdivision 9. Quorum. The Board shall not take any action without a quorum present. A quorum shall be at least four Members.

SECTION 7. POWERS AND DUTIES OF THE WMO. The WMO, acting by its Board:

Subdivision 1. Shall prepare, adopt and implement a Watershed Management Plan meeting the requirements of Minn. Stat. § 103B.231;

Subdivision 2. Shall review and approve local water management plans as provided in Minn. Stat. § 103B.235;

Subdivision 3. Shall exercise the authority of a watershed district under Minn. Stat. Chapter 103D to regulate the use and development of land in the watershed when one or more of the following conditions exist:

A. The local government unit exercising planning and zoning authority over the land under Minn. Stat. §§ 366.10 to 366.19, 394.21 to 394.37, or 462.351 to 462.364 does not have a local water management plan approved and adopted in accordance with requirements of Minn. Stat. § 103B.235 or has not adopted the implementation program described in the plan.

B. An application to the local government unit for a permit for the use and development of land, requires an amendment to, or variance from, the adopted local water management plan or implementation program of the local unit.

C. The local government unit has authorized the WMO to require permits for the use and development of land.

Subdivision 4. Shall adopt an annual work plan.

Subdivision 5. May employ such persons as it deems necessary to accomplish its duties and powers.

Subdivision 6. May contract for space and for material and supplies to carry on its activities either with a Member or elsewhere.

Subdivision 7. May acquire necessary personal and real property to carry out its powers and its duties.

Subdivision 8. May make necessary surveys or use other reliable surveys and data, and develop projects to accomplish the purposes for which the WMO is organized.

Subdivision 9. May cooperate or contract with the State of Minnesota or any subdivision thereof or federal agency or private or public organization to accomplish the purposes for which it is organized.

Subdivision 10. May order any governmental unit to carry out the local water management plan which has been approved by the Board. If the local unit of government fails to do so, in addition to other remedies, in its discretion, the Board may implement any required action or improvement in accordance with this Agreement.

Subdivision 11. May acquire, operate, construct, and maintain the capital improvements delineated in the Watershed Management Plan adopted by the Board.

Subdivision 12. May contract for or purchase such insurance as the Board deems necessary for the protection of the WMO and its Board.

Subdivision 13. May establish and maintain devices for acquiring and recording hydrological and water quality data within the watershed area of the WMO.

Subdivision 14. May enter upon lands within or without the watershed to make surveys and investigations to accomplish the purposes of the WMO.

Subdivision 15. May provide any Member with technical data or any other information of which the WMO has knowledge which will assist the Member in preparing land use classifications or local water management plans within the watershed.

Subdivision 16. May provide legal and technical assistance in connection with litigation or other proceedings between one or more of its Members and any other political subdivision, commission, board, corporation, individual, or agency relating to the

planning or construction of facilities to drain or pond storm waters or relating to water quality within the WMO.

Subdivision 17. May accumulate reserve funds for the purposes herein mentioned and may invest funds of the WMO not currently needed for its operations.

Subdivision 18. May collect money, in accordance with the provisions of this Agreement, from its Members and from any other source approved by the Board.

Subdivision 19. May make contracts, incur expenses, and make expenditures necessary and incidental to the effectuation of its purposes and powers.

Subdivision 20. Shall cause to be made an annual audit of the books and accounts of the WMO and shall make and file a report to its Members at least once each year including the following information:

A. The financial condition of the WMO;

B. The status of all WMO projects and work within the watershed; and

C. The business transacted by the WMO and other matters which affect the interests of the WMO. Copies of the report shall be transmitted to the clerk of each Member by March 31 of each year.

Subdivision 21. Shall make the WMO's books, reports, and records available for and open to inspection by its Members or the public at all reasonable times.

Subdivision 22. May recommend changes in this Agreement to its Members. Any amendments shall require ratification by all the parties to this Agreement.

Subdivision 23. May exercise all other powers necessary and incidental to the implementation of the purposes and powers set forth herein and as authorized by Minn. Stat. §§ 103B.201 through 103B.252.

Subdivision 24. Must solicit proposals for all legal, engineering, auditing, and other technical services in accordance with Minnesota Statutes § 103B.227, subd. 5.

Subdivision 25. Shall coordinate its planning activities with contiguous watershed management organizations and counties conducting water planning and implementation under Minn. Stat. Chapter 103B.

Subdivision 26. Shall designate one or more legal newspapers of general circulation which are published in the county(ies) in which the watershed is located.

SECTION 8. POWERS AND DUTIES OF THE OFFICERS OF THE BOARD.

Subdivision 1. It shall be the duty of the Chair of the Board to:

A. Attend and preside at all meetings of the Board;

B. Assist in the preparation of meeting agendas and the annual work plan;

C. See that orders and resolutions of the Board are carried into effect;

D. Sign and execute documents as may be required for the Board's exercise of its powers, except as otherwise required by law; and

E. Perform such other duties applicable to the office as are necessary to fulfill the powers and duties of the Board as set forth in this Agreement, and as provided by law.

Subdivision 2. It shall be the duty of the Vice Chair of the Board to:

A. Perform the duties of the Chair in the Chair's absence; and

B. Perform other duties as assigned from time to time by the Board.

Subdivision 3. It shall be the duty of the Secretary/Treasurer of the Board to:

A. Keep and post a true and accurate record of the proceedings of all meetings of the Board;

B. Keep a record of all amendments, alterations and additions to this Agreement;

C. Prepare and process all correspondence;

D. Prepare and file all reports and statements as required by law and this Agreement;

E. Keep all financial accounts of the WMO, and prepare and present to the Board full and detailed financial statements of the WMO prior to its annual meeting; and

F. Perform other duties as assigned from time to time by the Board.

SECTION 9. CONSTRUCTION OF IMPROVEMENTS.

Subdivision 1. All construction, reconstruction, extension or maintenance of WMO improvements, including outlets, lift stations, dams, reservoirs, or appurtenances of a surface water or storm sewer system ordered by the WMO which involve potential construction by or assessment against any Member or against privately or publicly owned land within the watershed shall adhere to the following procedures set forth in this section. The Board shall secure from its engineers or some other competent person a preliminary report advising it whether the proposed improvement is feasible, whether there are feasible alternatives, whether the proposed improvement shall best be made as proposed or in conjunction with some other improvement, a determination of the quantity and/or quality of storm and surface water contributed to the improvement by each Member, the estimated cost of the improvement(s), including maintenance, the estimated cost to each Member, and evaluating the consistency of the improvement with the Watershed Management Plan capital improvement section. The Board shall then hold a public hearing on the proposed improvement. Notice of the hearing shall be mailed to the clerk of each affected Member and shall also be published in the Board's official newspaper(s). The notice shall be mailed not less than forty-five (45) days before the hearing, shall state the time and place of the hearing, the general nature of the improvement, the estimated total cost, and the estimated cost to each Member.

To order the improvement, a resolution setting forth the order shall require a favorable majority vote of all eligible votes of the Members of the WMO. The order shall

describe the improvement, shall allocate in percentages the cost allocation among the Members, shall determine the method of financing, shall designate the engineers to prepare plans and specifications, and shall designate the entity that will contract for the improvement. The Board shall not order and no engineer shall prepare plans and specification before the Board has adopted a resolution ordering the improvement. After the Board has ordered an improvement, it shall forward the preliminary report to all affected Members with an estimated time schedule for the construction of the improvement.

The Board shall allow not less than 90 days, nor more than 270 days, for each Member to conduct hearings as provided by law or applicable charter requirements, to approve the construction and the method of financing of the improvement which the Member will use to pay its proportionate share of the costs of the improvement.

If the WMO proposes to use Dakota County's and/or Ramsey County's bonding authority, or if the WMO proposes to certify all or any part of an improvement to Dakota and/or Ramsey County for payment, then and in that event all proceedings shall be carried out in accordance with Minn. Stat. § 103B.251.

The Board may order advertising for bids upon receipt of notice from each Member which will be assessed that it has completed its hearing or determined its method of payment, or upon expiration of 270 days after the mailing of the preliminary report to the Members, whichever occurs first.

Subdivision 2. Any Member aggrieved by the determination of the Board as to the financing of an improvement or allocation of the costs of an improvement shall have thirty (30) days after the WMO resolution ordering the improvement to appeal the determination to arbitration. The appeal shall be in writing requesting the arbitration and

shall be addressed to the Board in c/o City of South St. Paul, 125 3rd Ave. N., South St. Paul, MN 55075. The determination of the Member's appeal shall be referred to a Board of Arbitration. The Board of Arbitration shall consist of three (3) persons: one to be appointed by the Board, one to be appointed by the appealing Member, and the third to be appointed by the two so selected. In the event the two persons so selected do not appoint the third person within fifteen (15) days after their appointment, then the chief judge of the District Court of Dakota County shall have jurisdiction to appoint, upon application of either or both of the two earlier selected, the third person to the Board of Arbitration. The third person selected shall not be a resident of any Member and if appointed by the chief judge, shall be a person knowledgeable in the subject matter of the dispute. The arbitrators' expenses and fees, together with the other expenses, not including counsel fees, incurred in the conduct of the arbitration shall be divided equally between the WMO and the appealing Member. Arbitration shall be conducted in accordance with the Uniform Arbitration Act, Minn. Stat. Chapter 572. Arbitration must be completed within the 270 day period provided for in Subdivision 1 of this Section.

Subdivision 3. Contracts for Improvements. The bidding and contracting of the work may be let by any Member or by the WMO as determined by the Board, in compliance with state statutes. Contracts and bidding procedures shall comply with all legal requirements.

Subdivision 4. Supervision. All improvement contracts shall be supervised by the entity awarding the contract. A WMO representative shall also be authorized to observe and review the work in progress and the Members agree to cooperate with the WMO representative in accomplishing the WMO's purposes. Representatives of the WMO shall have the right to enter upon the place or places where the improvement work is in

progress for the purpose of making reasonable tests and inspections. The WMO representative shall report to the Board on the progress of the work.

Subdivision 5. Land Acquisition. The WMO shall not have the power of eminent domain. All easements or interest in land which are necessary for an improvement will be negotiated or condemned in accordance with Minn. Stat. Chapter 117 by the Member where the land is located, and each Member agrees to acquire the necessary easement or right-of-way or partial or complete interest in land upon order of the Board to accomplish the purposes of this Agreement. All reasonable costs of the acquisition, including attorney's and appraiser's fees, shall be a cost of the improvement, and shall be allocated according to the formula for allocating Capital Improvement cost in Section 10, Subdivision 7. If a Member determines it is in its best interests to acquire additional rights in lands for some other purposes, in conjunction with the taking of lands for the improvement, the costs of the acquisition of additional rights in lands will not be included in the improvement costs. The Board, in determining the amount of the improvement costs to be assessed to each Member, may take into consideration the land use for which the additional lands are being acquired and may credit the acquiring Member for the land acquisition to the extent that it benefits the other Members. Any credits may be applied to the cost allocation of the improvement, or the Board, if feasible and necessary, may defer the credits to a future improvement.

Members may not condemn or negotiate for land acquisition to pond or drain storm and surface waters within the corporate boundaries of another Member within the WMO.

SECTION 10. FINANCES.

Subdivision 1. Disbursements. The WMO funds may be expended by the Board in accordance with this Agreement in a manner determined by the Board. The Board shall designate one or more national or state bank or trust companies authorized to receive deposits of public monies to act as depositories for the WMO funds. In no event shall there be a disbursement of WMO funds without approval by the Board and the signature of at least two (2) Board Members, one of whom shall be an officer. The Board may require the secretary/treasurer to file with the Board a bond in the sum of at least $10,000 or such higher amount as shall be determined by the Board. The WMO shall pay the premium on said bond.

Subdivision 2. Budget. On or before July 1 of each year, the Board shall adopt a general fund budget ("Budget") by a majority vote of all Members (with each Member having one vote) for the ensuing year and decide upon the total amount necessary for the general fund. The secretary/treasurer of the Board shall certify the Budget to the clerk of each Member, together with a statement of the proportion of the Budget to be provided by each Member, computed in accordance with Section 10, Subdivision 5. The council of each Member shall review the Budget, and the Board shall upon notice from any Member received prior to August 1, hear objections to the Budget, and may, upon notice to all Members of the time, date, place of and right to participate in the hearing and after a hearing, modify or amend the Budget, and then give notice to the Members of any and all modifications or amendments. Each Member agrees to provide the funds required by the Budget by February 15th of each year.

If a Member fails to provide its share of the funds required by the Budget by February 15 of each year, the unpaid balance of the funds shall accrue interest at a rate of

eight percent (8%) per annum commencing the day following February 15th of the year in which the funds were due. The WMO may take whatever action, at law or in equity it deems appropriate, to collect any amounts due from a Member under this Agreement. The Member agrees to pay the cost of collection, including reasonable attorneys' fees.

Subdivision 3. Maintenance. The Board shall have the option of funding maintenance work through the Budget, or funding as a capital improvement in accordance with Subdivision 6 of this Section. Maintenance costs that are associated with an improvement in the approved Capital Improvement Program, shall be allocated according to the same formula as is applicable for allocating capital improvement costs as identified in Section 10, Subdivision 7. The Members affected by the improvement shall decide on the level of maintenance to be applied to the improvement. If the Members cannot agree, the Board shall make the determination.

Subdivision 4. Tax Levy. If authorized by law, the WMO may levy a tax. The proceeds of any tax levied under this subdivision shall be expended only for the purposes authorized by law. The WMO may accumulate the proceeds of levies as an alternative to issuing bonds to finance improvements.

Subdivision 5. General Fund. Each Member agrees to contribute each year to a general fund to be used for general administration purposes including, but not limited to: improvement projects, salaries, rent, supplies, development of an overall plan, insurance, bonds, and to purchase and maintain devices to measure hydrological and water quality data. The funds may also be used for any other purpose authorized by this Agreement. The annual contribution by each Member shall be based fifty percent (50%) on taxable market value (for the preceding year) and fifty percent (50%) on area in accordance with the following formula:

Annual Watershed Levy = L

Taxable Market Value of a
Member's Property in the Watershed = MV

Taxable Market Value of All Property in the Watershed = TV

Acres of Property a Member Has in the Watershed = A

Total Acres in Watershed = TA

Member Required Contribution = C

$$\frac{1}{2}L \times \frac{MV}{TV} + \frac{1}{2}L \times \frac{A}{TA} = C$$

Subdivision 6. Capital Improvement.

A. All capital improvements ordered by the Board must be included in the WMO's adopted capital improvement program. An improvement fund shall be established for each improvement ordered by the WMO. If ordered by the Board, each Member agrees to contribute to the funds its proportionate share of the engineering, legal, and administrative costs as determined by the amount to be assessed against each Member as a cost of the improvement. The Board shall submit in writing a statement to each Member, setting forth in detail the expenses incurred by the WMO for each improvement.

Each Member further agrees to pay its proportionate share of the cost of the improvement in accordance with the determination of the Board, under Section 10, Subdivision 7. The Board or the Member awarding the contract shall submit in writing copies of the engineer's certificate authorizing payment during construction and the Member being billed agrees to pay its share of the costs within thirty (30) days after receipt of the statement. The Board may also require payment from Members before awarding a contract based upon an engineer's estimate of cost. Billings will then be adjusted when actual costs are known. The Board or the Member awarding the contract shall advise other contributing Members of the tentative time schedule of the work and the estimated times when the contributions shall be necessary.

B. Notwithstanding the provisions of paragraph (A) of this Subdivision, the WMO may also fund all or any part of the cost of a capital improvement contained in the capital improvement program of the plan in accordance with Minn. Stat. § 103B.251. The WMO and Dakota County and/or Ramsey County may establish a maintenance fund to be used for normal and routine maintenance of an improvement constructed in whole or in part with money provided by Dakota and/or Ramsey County pursuant to Minn. Stat. § 103B.251. The levy and collection of an ad valorem tax levy for maintenance shall be by Dakota and/or Ramsey County based upon a tax levy resolution adopted by the WMO and remitted to the

county(ies) on or before October 1 of each year. If it is determined to levy for maintenance, the WMO shall be required to follow the hearing process established by Minn. Stat. §103D.921. Mailed notice shall also be sent to the clerk of each Member at least thirty (30) days prior to the hearing.

C. The WMO may also fund all or any part of the cost of a capital improvement contained in the capital improvement program of the plan in accordance with Minn. Stat. § 103B.241.

Subdivision 7. Capital Cost Allocation of Improvements in the Board's Watershed Management Plan. All capital improvement costs of improvements designated in the WMO's adopted Watershed Management Plan for construction by the WMO pursuant to Section 10, Subdivision 6A of this Agreement shall be apportioned by the following methods or a combination of these methods:

A. For improvements related to water quality:

1. For water quality monitoring, water quality trend analyses, water quality modeling, and water quality studies, the cost sharing will be proportional to the tributary watershed area.

2. For water quality projects and maintenance, the cost sharing will be based on Allowable Flow, tributary area, and/or relative phosphorus loading.

3. The cost sharing for WMO operation of a future Watershed Outlet Monitoring Program station, or other program that monitors the quality of the stormwater runoff that discharges into the Mississippi River from the WMO, will be proportional to the tributary watershed area.

4. Or other cost sharing method approved by the Board.

5. Pursuant to Minn. Stat. § 103B.251.

B. For improvements related to water quantity:

1. A Member shall be responsible for the costs of construction of that portion of a drainage system that is located within its borders and that is necessary to accommodate its Allowable Flow and the Allowable Flow of all other tributary Members.

2. A Member shall also be responsible for its share of construction costs of a drainage system, whether or not that system is located within its borders, that is necessary to convey Excessive Flows originating within the Member's borders.

3. Increased costs of construction incurred for acquisition of lands, easements and rights of way within natural watercourses shall be the obligation of the Member in which the land lies and shall not be apportioned to other Members to the extent that such costs exceed costs which would have been incurred if there had been no improvement on such lands, easements, or rights of way.

4. Costs of construction shall include all costs associated with a WMO approved improvement (whether trunk sewer or natural conveyance) and whether or not actually constructed, including, but not limited to, costs for design, administration, construction supervision, legal fees, acquisition of lands and improvements and actual construction and maintenance costs.

5. The WMO shall consider any grant money received or to be received by a Member for sanitary sewer/storm sewer separation or for the construction, reconstruction or replacement of storm sewer facilities before making cost allocations among Members and may consider the application of any grant proceeds toward the cost of the improvement before allocating costs between or among the Members involved, provided that such allocation would not violate the terms and conditions of the grant.

6. The attached Exhibit B is incorporated by reference and serves as a compilation of general examples of cost allocation under this Agreement for the hypothetical circumstances stated in the examples.

Subdivision 8. Capital Cost Allocation of Improvements Delineated in Local Watershed Management Plans. All capital improvement costs incurred by the WMO for improvements delineated in local watershed management plans that benefit only that Member, which the WMO undertakes because the Member fails to do so, shall be apportioned entirely to that Member.

SECTION 11. SPECIAL ASSESSMENTS. The WMO shall not have the power to levy special assessments. All such assessments shall be levied by the Member within which the land is located.

SECTION 12. DURATION.

Subdivision 1. Each Member agrees to be bound by the terms of this Agreement until January 1, 2012. It may be continued thereafter upon the agreement of all the parties.

Subdivision 2. This Agreement may be terminated prior to January 1, 2012, by the written agreement of a majority of the Members.

Subdivision 3. In addition to the manner provided in Subdivision 2 for termination, any Member may petition the Board to dissolve the WMO. Upon thirty (30) days' notice in writing to the clerk of each Member, the Board shall hold a hearing and upon a favorable majority vote of all eligible votes of the Members, the Board may by resolution recommend that the WMO be dissolved. The resolution shall be submitted to each Member and if ratified by a majority of the governing bodies of all Members within sixty (60) days, the Board shall then give ninety (90) days written notice of its intent to dissolve the WMO to Dakota County, Ramsey County and the Board of Water and Soil Resources. After the expiration of this 90-day notice period, the Board shall dissolve the WMO, allowing a reasonable time to complete work in progress and to dispose of personal property owned by the WMO.

SECTION 13. DISSOLUTION. Upon dissolution of the WMO or termination of this Agreement, all property of the WMO shall be sold and the proceeds thereof, together with monies on hand, shall be distributed to the Members. Such distribution of WMO assets shall be made in proportion to the total contribution to the WMO required by the last annual Budget.

SECTION 14. EFFECTIVE DATE. This Agreement shall be in full force and effect when all seven (7) Members file a certified copy of a resolution approving this Agreement and have executed this Agreement and filed the executed Agreement with the Board. All Members need not sign the same copy.

IN WITNESS WHEREOF, the undersigned governmental units, by action of their governing bodies, have caused this Agreement to be executed in accordance with the authority of Minn. Stat. § 471.59.

Approved by the City Council
September 10, 20 01.

CITY OF INVER GROVE HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF LILYDALE

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF MENDOTA HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF ST. PAUL

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF SOUTH ST. PAUL

BY: _____

Attest: _____

IN WITNESS WHEREOF, the undersigned governmental units, by action of their governing bodies, have caused this Agreement to be executed in accordance with the authority of Minn. Stat. § 471.59.

Approved by the City Council
September 26, 20 01.

CITY OF INVER GROVE HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
April 28, 2003.

CITY OF LILYDALE

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF MENDOTA HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF ST. PAUL

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF SOUTH ST. PAUL

BY: _____

Attest: _____

IN WITNESS WHEREOF, the undersigned governmental units, by action of their governing bodies, have caused this Agreement to be executed in accordance with the authority of Minn. Stat. § 471.59.

Approved by the City Council
_____, 20____.

CITY OF INVER GROVE HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF LILYDALE

BY: _____

Attest: _____

Approved by the City Council
November 20, 2001.

CITY OF MENDOTA HEIGHTS

BY: Charles E. Mertens Jr

Attest: Linda L. Shipton

Approved by the City Council
_____, 20____.

CITY OF ST. PAUL

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF SOUTH ST. PAUL

BY: _____

Attest: _____

IN WITNESS WHEREOF, the undersigned governmental units, by action of their governing bodies, have caused this Agreement to be executed in accordance with the authority of Minn. Stat. § 471.59.

Approved by the City Council
_____, 20____.

CITY OF INVER GROVE HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF LILYDALE

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF MENDOTA HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
JANUARY 16, 20 02.
COUNCIL FILE #02-52

Approved as to Form:

BY: Lisa A. Veith
Assistant City Attorney

CITY OF ST. PAUL

BY: _____
Randy Kelly, Mayor

Approved by the City Council
_____, 20____.

CITY OF SOUTH ST. PAUL

BY: _____

Attest: _____

IN WITNESS WHEREOF, the undersigned governmental units, by action of their governing bodies, have caused this Agreement to be executed in accordance with the authority of Minn. Stat. § 471.59.

Approved by the City Council
_____, 20____.

CITY OF INVER GROVE HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF LILYDALE

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF MENDOTA HEIGHTS

BY: _____

Attest: _____

Approved by the City Council
_____, 20____.

CITY OF ST. PAUL

BY: _____

Attest: _____

Approved by the City Council
November 5, 20 01.

CITY OF SOUTH ST. PAUL

BY: Kathleen A Gaylord

Attest: Christy M. Wilcox

Approved by the City Council
12/4, 2001.

CITY OF SUNFISH LAKE

BY: _____ Mayor

Attest: _____, Clerk

Approved by the City Council
_____, 20____.

CITY OF WEST ST. PAUL

BY: _____
Its Mayor

BY: _____
Its City Manager

Approved by the City Council
_____, 20____.

CITY OF SUNFISH LAKE

BY: _____

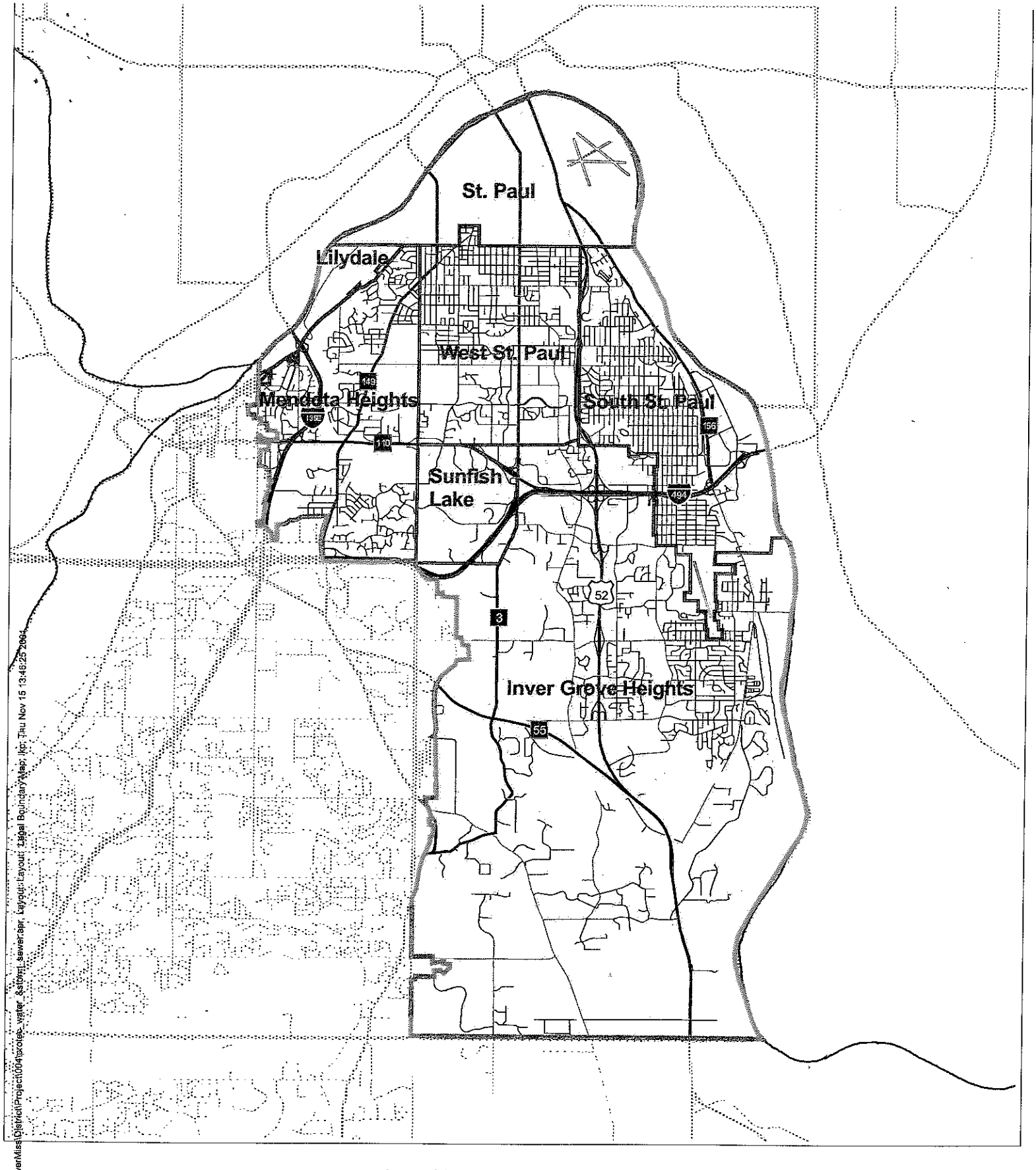
Attest: _____

Approved by the City Council
Nov. 26, 2001.

CITY OF WEST ST. PAUL

BY: _____
Its Mayor

BY: _____
Its City Manager



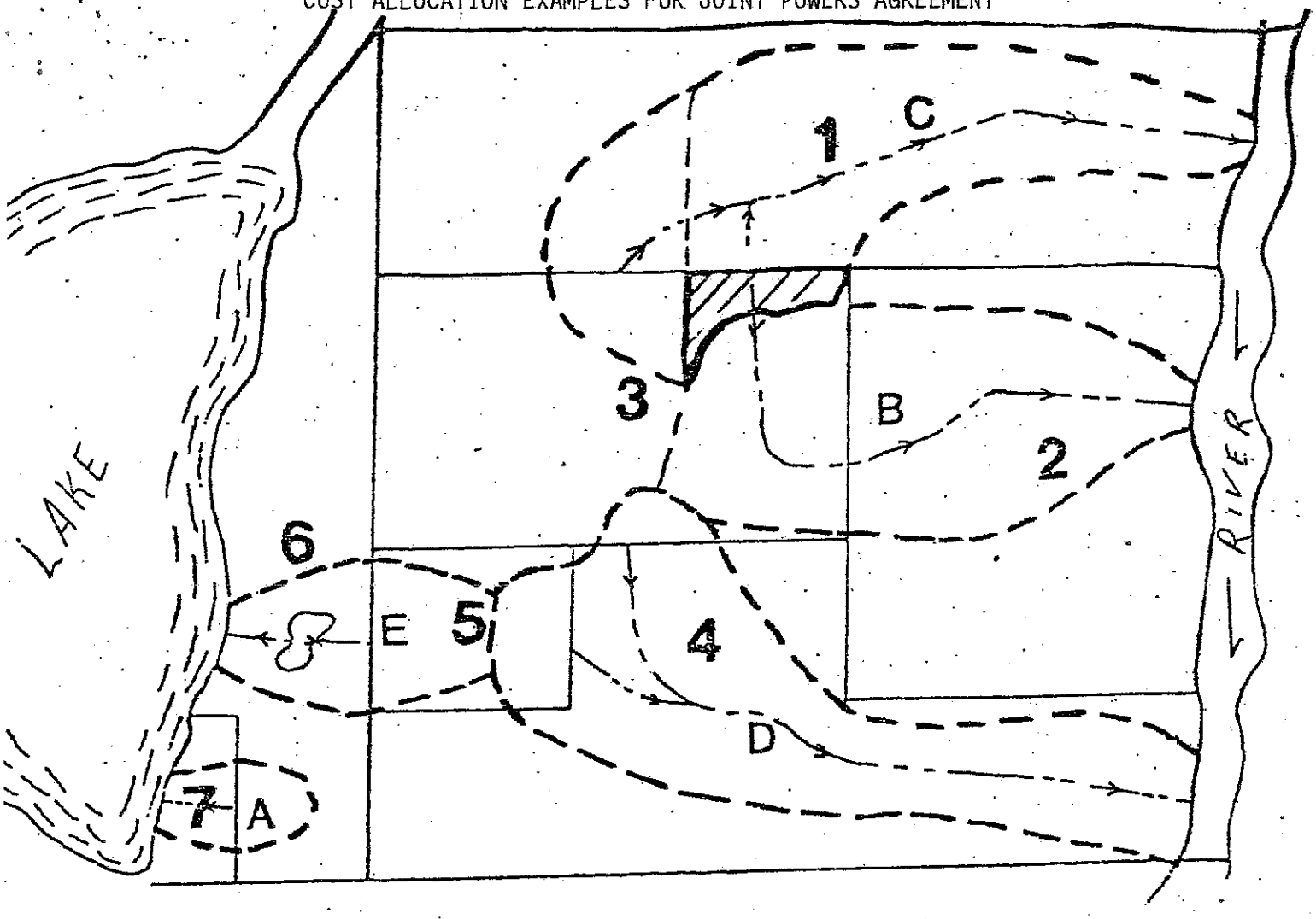
Legal Boundary Map of the
Lower Mississippi River
Watershed Management Organization

Exhibit A

1 0 1 Miles

N

COST ALLOCATION EXAMPLES FOR JOINT POWERS AGREEMENT



EXAMPLE	DESCRIPTION
A.	Two Cities
B.	Two Cities With Diversion In
C.	Two Cities With Diversion Out
D.	Three Cities
E.	Added Ponding

LEGEND

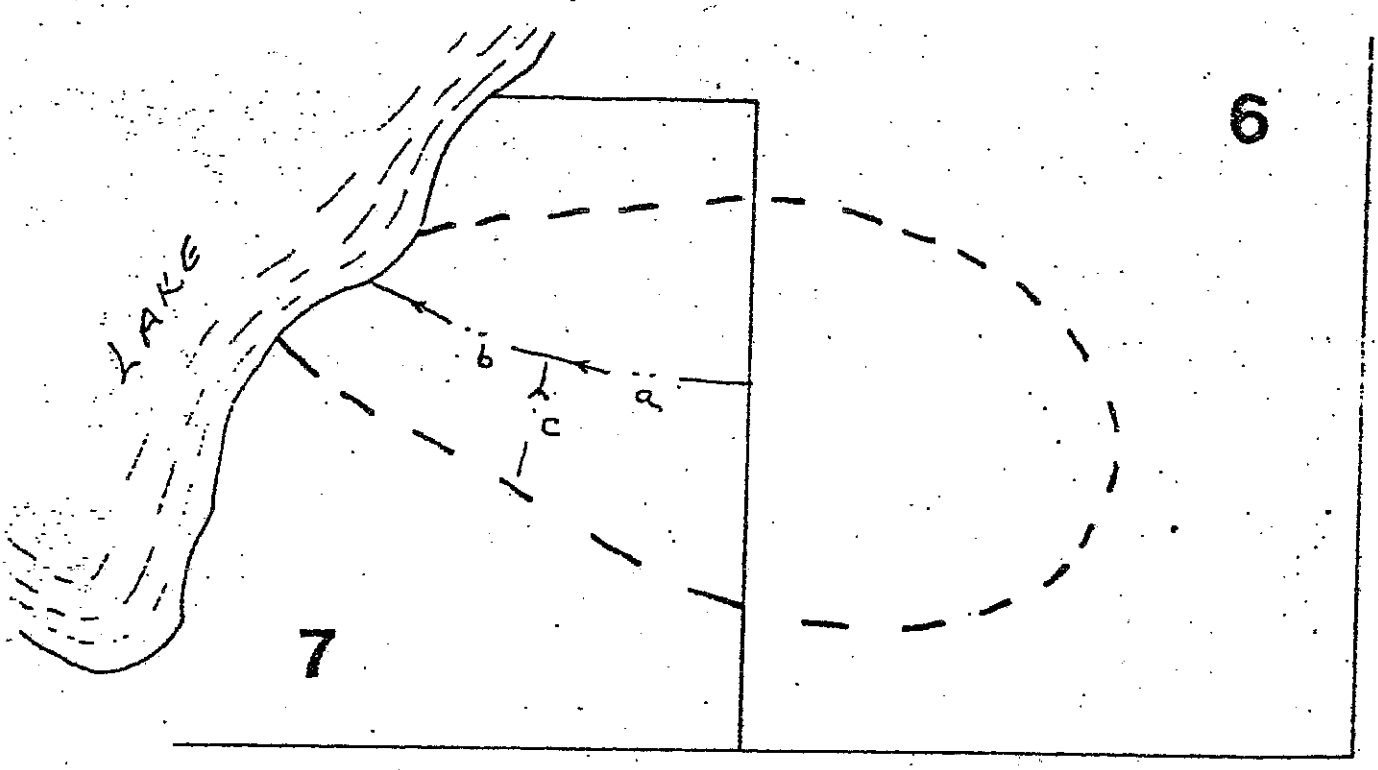
Watershed Boundary

Drainage Facility

City Boundary

Detention Pond

Diverted Area



EXAMPLE "A" - TWO CITIES

Project: Construct project (Segments "a" and "b") in City #7 to provide drainage for Cities #6 and #7 under fully developed conditions.

Cost Allocation:

City #6: Cost share $= \frac{Q_{E6}}{Q_T} \times$ Total project cost for "a".

City #7: Cost share = Total project cost $- \left(\frac{Q_{E6}}{Q_T} \times \text{Total project cost} \right)$

Where: $Q_{E6} = Q_{T6} - Q_{A6}$;

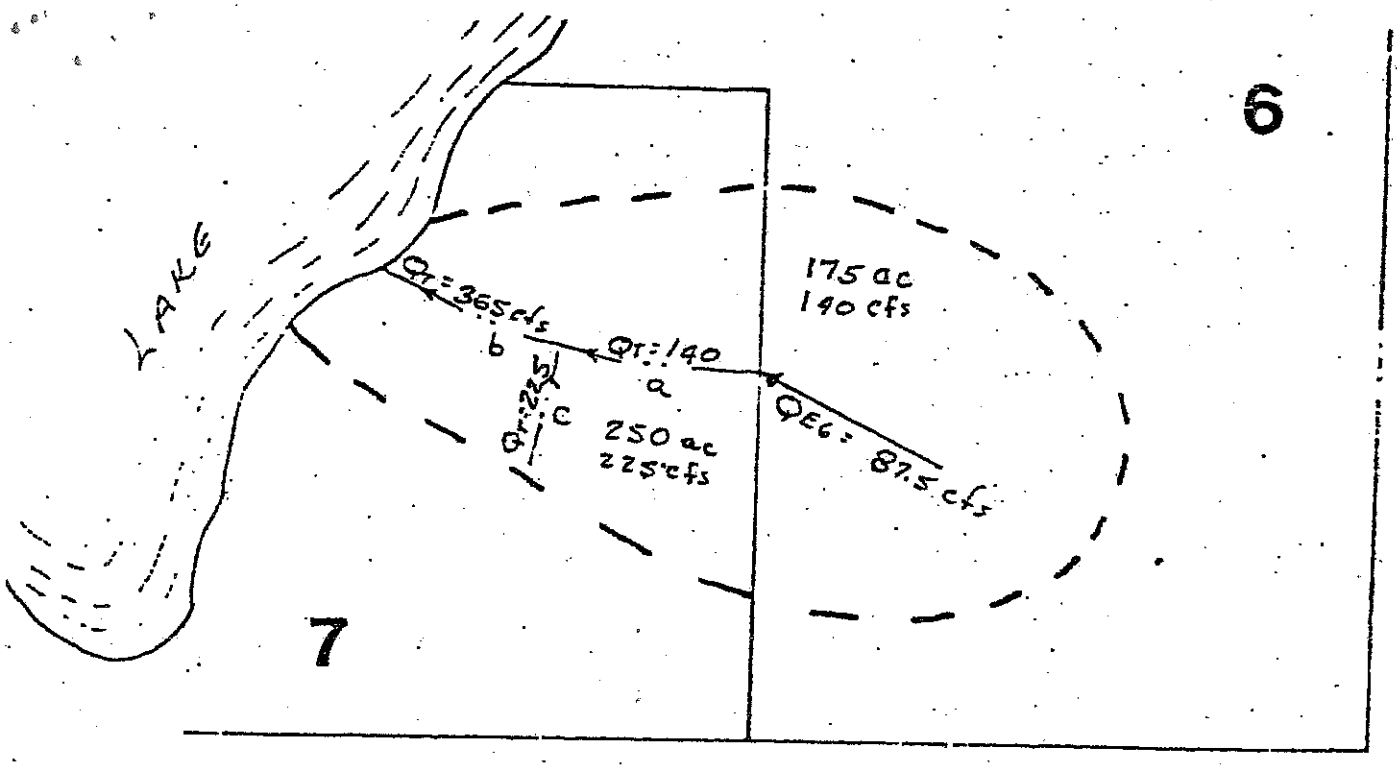
Q_{E6} is the design flow rate from City #6 which is in excess of the allowable flow rate from City #6;

Q_{A6} is the allowable flow rate from City #6;

Q_{T6} is the total design flow rate from City #6;

Q_T is the total flow rate for which the project is designed in each Segment.

City #6: Cost share for Segment "c" = Zero dollar (no tributary flow).



EXAMPLE "A" - TWO CITIES

Sample Calculations

Assume:

City #6 - Area of Watershed within City #6 = 175 acres
Full development runoff (Q_{T6}) = CIA = 0.40 x 2.0"/h x 175 = 140 cfs
Predevelopment runoff (Q_{A6}) = CIA = 0.15 x 2.0"/h x 175 = 52.5 cfs

Then:

Excess runoff (Q_{E6}) (from formulae: $Q_E = Q_T - Q_A$) = 87.5 cfs

1. City #6 cost share for Segment "a" = $\frac{87.5}{140}$ x project cost for "a" = .63 x Project cost for "a".

(From formulae: share = $\frac{Q_E}{Q_T}$ x Project cost)

Note: Segment "a" ends at first point of entry into the system from City #7.

Assume:

City #7 - Area of Watershed within City #7 = 250 acres and all flows from City #7 enter system by way of Segment "c".
Full development runoff (Q_{T7}) = CIA = .50x1.8x250 = 225 cfs
Design flow for Segment "b" = $Q_{T(SEG.\ "a")} + Q_{T7}$ = 140 + 225 = 365 cfs

2. City #6 has no cost share obligation in Segment "c" when there is no tributary flow from City #6.

(continued)

Then:

3. City #6 cost share for Segment "b" = $\frac{87.5}{365}$ x Project cost for "b" = 0.24 Project cost of "b".

(From formulae: Share = $\frac{Q_{E6}}{Q_T}$ x Project cost)

Note:

City #6 can reduce the excess flow (Q_{E6}) by detention ponding even to the amount that the rate of flow from City #6 (Q_{T6}) is no greater than the allowable flow rate (Q_{A6}). Any reduction in the total rate from City #6 would be applied to the excess rate and thereby reduce the obligation of City #6 to share in the cost of constructing any conveyance system in City #7.

SUMMARY OF COSTS

Segment "a":

City #6: Cost share = $\frac{87.5}{140}$ x Project cost for "a".

City #7: Cost share = $\frac{52.5}{140}$ x Project cost for "a".

Segment "b":

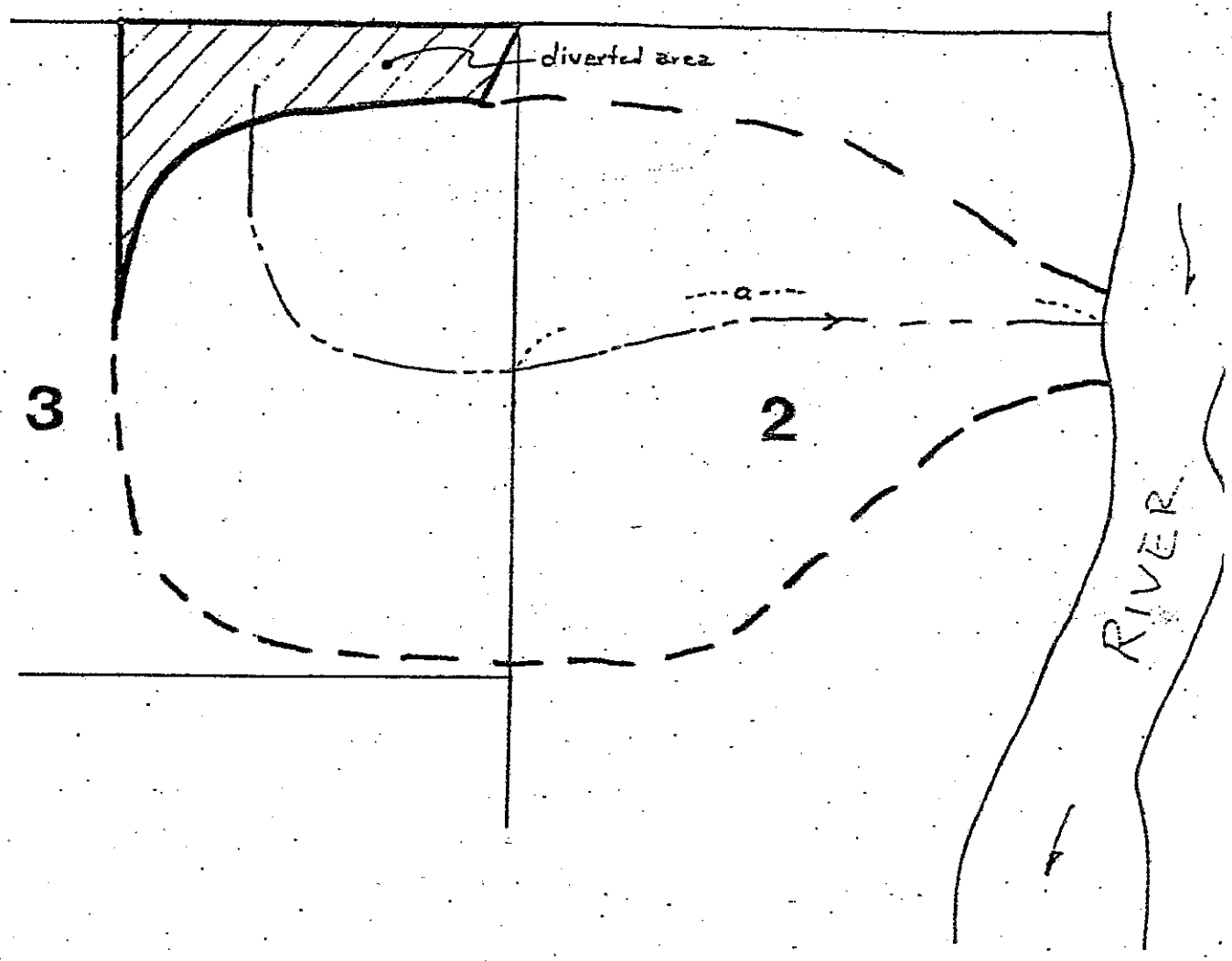
City #6: Cost share = $\frac{87.5}{365}$ x Project cost for "b".

City #7: Cost share = $\frac{277.5}{365}$ x Project cost for "b".

Segment "c":

City #6: Cost share = Zero dollar (no tributary flow).

City #7: Cost share = All of Project cost for "c".



EXAMPLE "B" - TWO CITIES WITH DIVERSION IN

Project: Construct Trunk facility "a" in City #2 only for Cities #2 and #3 under fully developed conditions.

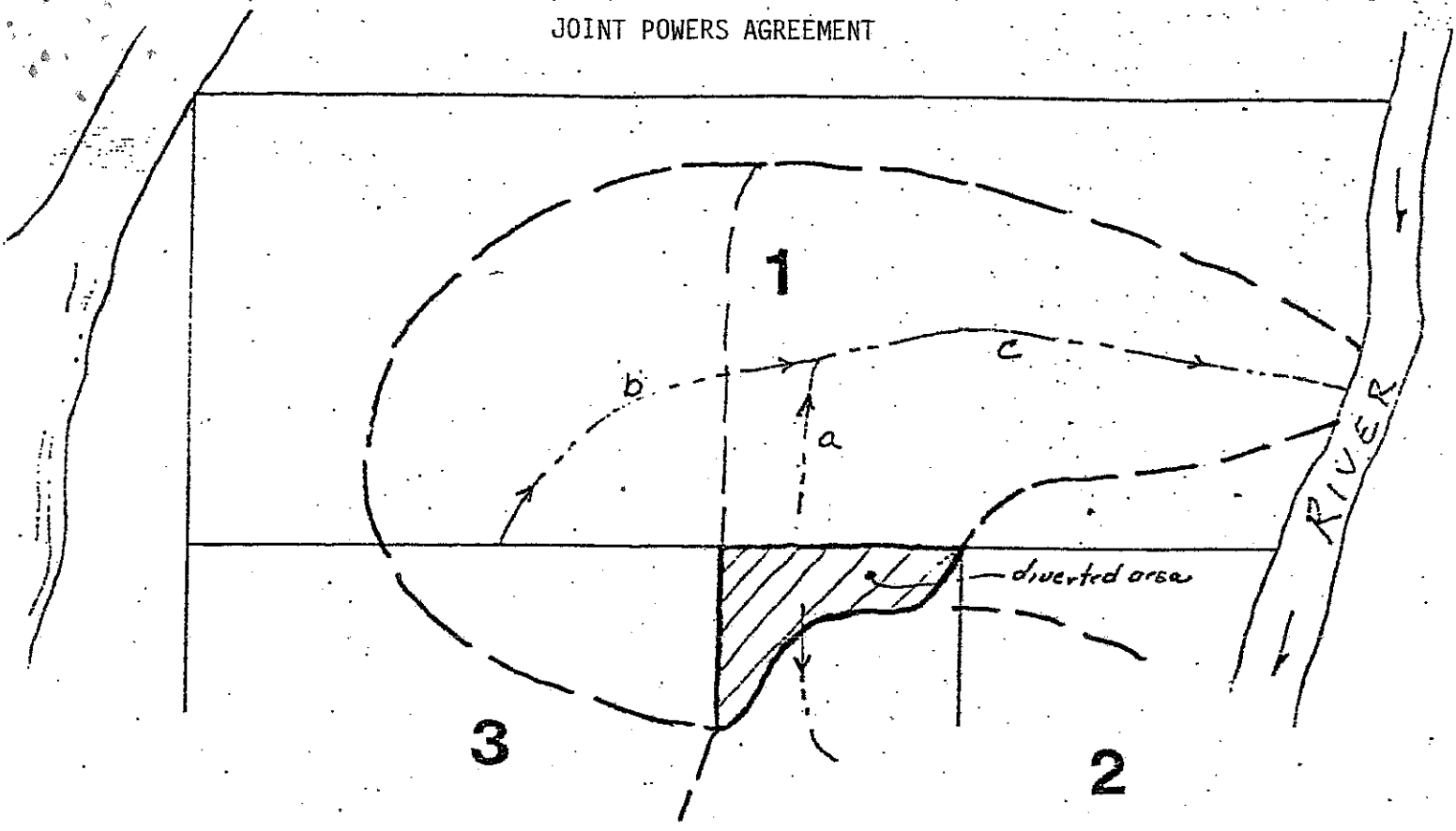
Cost Allocation:

City #3: Cost share $= \frac{Q_{E3}}{Q_T} \times$ Total project cost.

Where: $Q_{E3} = Q_{T3} - Q_{A3}$
And Q_{E3} is the design flow from City #3 as described in Example "A" plus all flows coming from the area diverted. All facilities within City #3 are constructed by City #3. Detention in City #3 can reduce Q_{E3};

Q_T and Q_A are as defined in Example "A".

Note: This case applies only where waters are diverted from one City to another City or from one major drainage district to another.



EXAMPLE "C" - TWO CITIES WITH DIVERSION OUT

Project: Construct Trunk Segments "a", "b", "c" in City #1 under fully developed conditions.

Cost Allocation:

City #3: Cost share for Segment "a" = Zero dollars (all flows have been diverted away)

Cost share for Segment "b" $= \frac{Q_{E3}}{Q_T} \times$ Total project cost for "b".

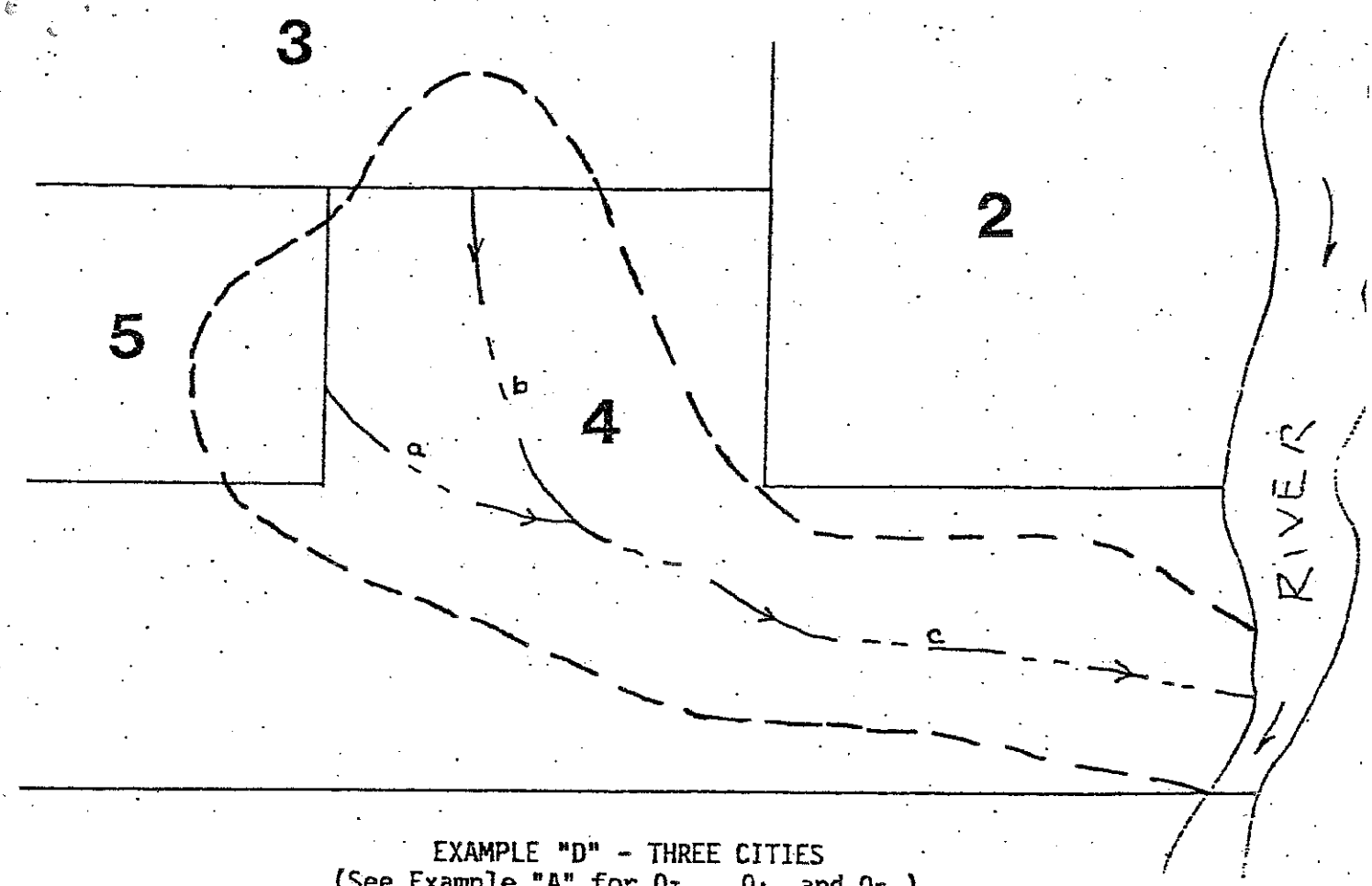
Where: Q_{E3} is the excess flow from City #3 that is tributary to Segment "b" only.

City #3: Cost share for Segment "c" $= \frac{Q_{E3}}{Q_T} \times$ Total project cost for "c".

Where: Q_{E3} is the excess flow from City #3 that is tributary to Segment "c" calculated as Q_{E3} tributary to "b" minus Q_{A3} that would have been tributary to "a" had there been no diversion out of the drainage district.

Q_T and Q_A are as defined in Example "A".

Note: This case applies only where waters are diverted from one City to another City or from one major drainage district to another.



EXAMPLE "D" - THREE CITIES
(See Example "A" for Q_T, Q_A and Q_E)

Project: Construct Project (Segments "a", "b" and "c") in City #4 to provide drainage for Cities #3, #4, and #5 under fully developed conditions.

Cost Allocations:

City #3: Cost share Segment "b" = $\frac{Q_{E3}}{Q_T}$ x Project cost for "b".

Cost share Segment "a" = Zero dollars (no tributary flow).

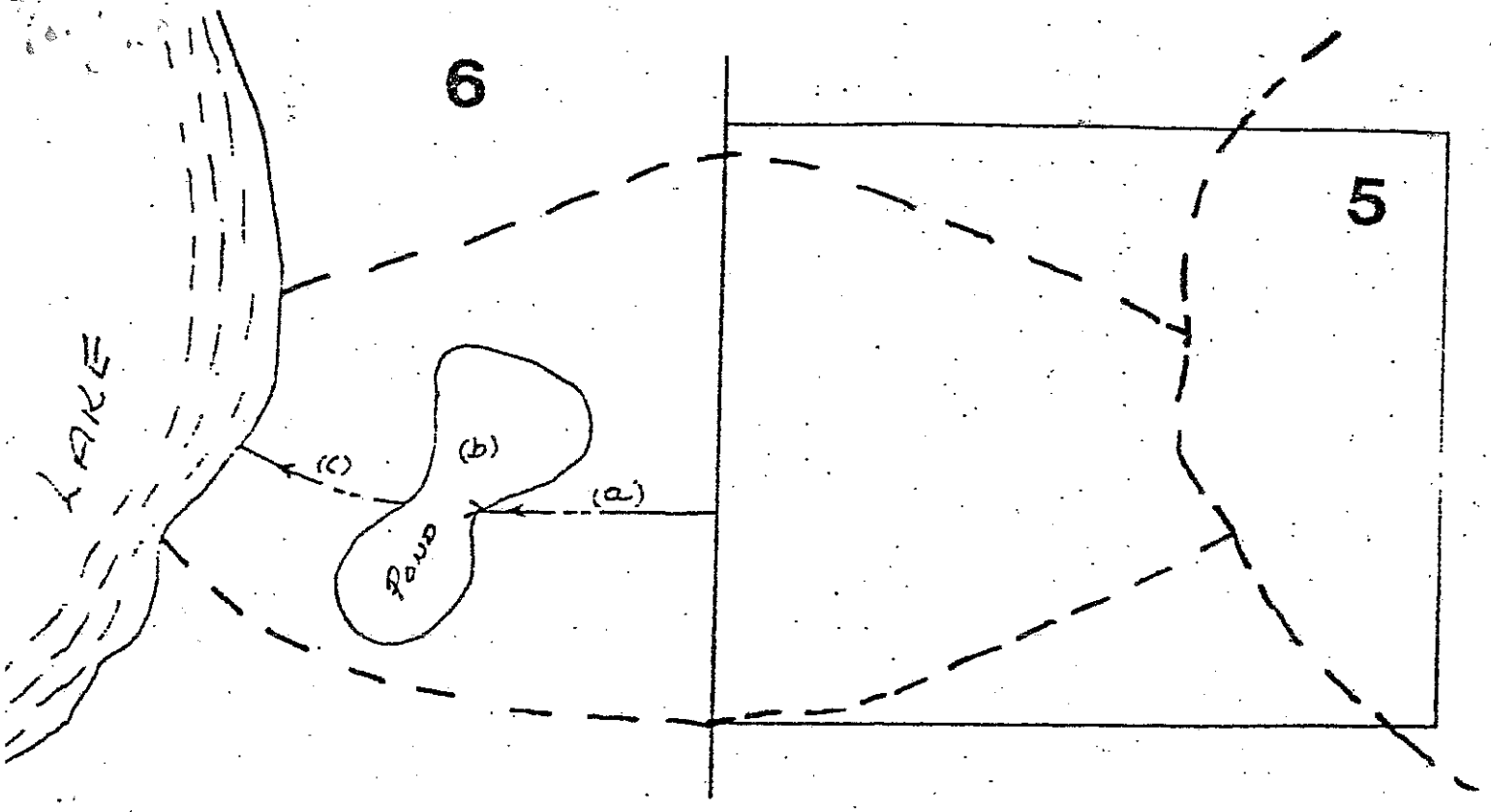
Cost share Segment "c" = $\frac{Q_{E3}}{Q_T}$ x Project cost for "c".

City #5 Cost share Segment "a" = $\frac{Q_{E5}}{Q_T}$ x Project cost for "a".

Cost share Segment "b" = Zero Dollars (no tributary flow).

Cost share Segment "c" = $\frac{Q_{E5}}{Q_T}$ x Project cost for "c".

Where: Q_T is the total flow rate for which each respective Segment is designed.



EXAMPLE "E" - ADDED PONDING
(See Example "A" for definition of Q_T , Q_A and Q_E)

Project: Construct Trunk "a", Detention Pond "b" and Outlet "c" for cities #5 and #6 under fully developed conditions.

Cost Allocation:

City #5 (Trunk "a"): Cost share $= \frac{Q_{E5}}{Q_T}$ x Project cost of Trunk "a".

Where: Q is the total flow rate in Trunk "a".

City #5 (Pond "b"): Cost share $= \frac{V_{E5}}{V_T}$ x Project cost of Pond "b".

Where: V_{E5} is the design Volume of runoff from City #5 which is in excess of the allowable Volume from City #5;

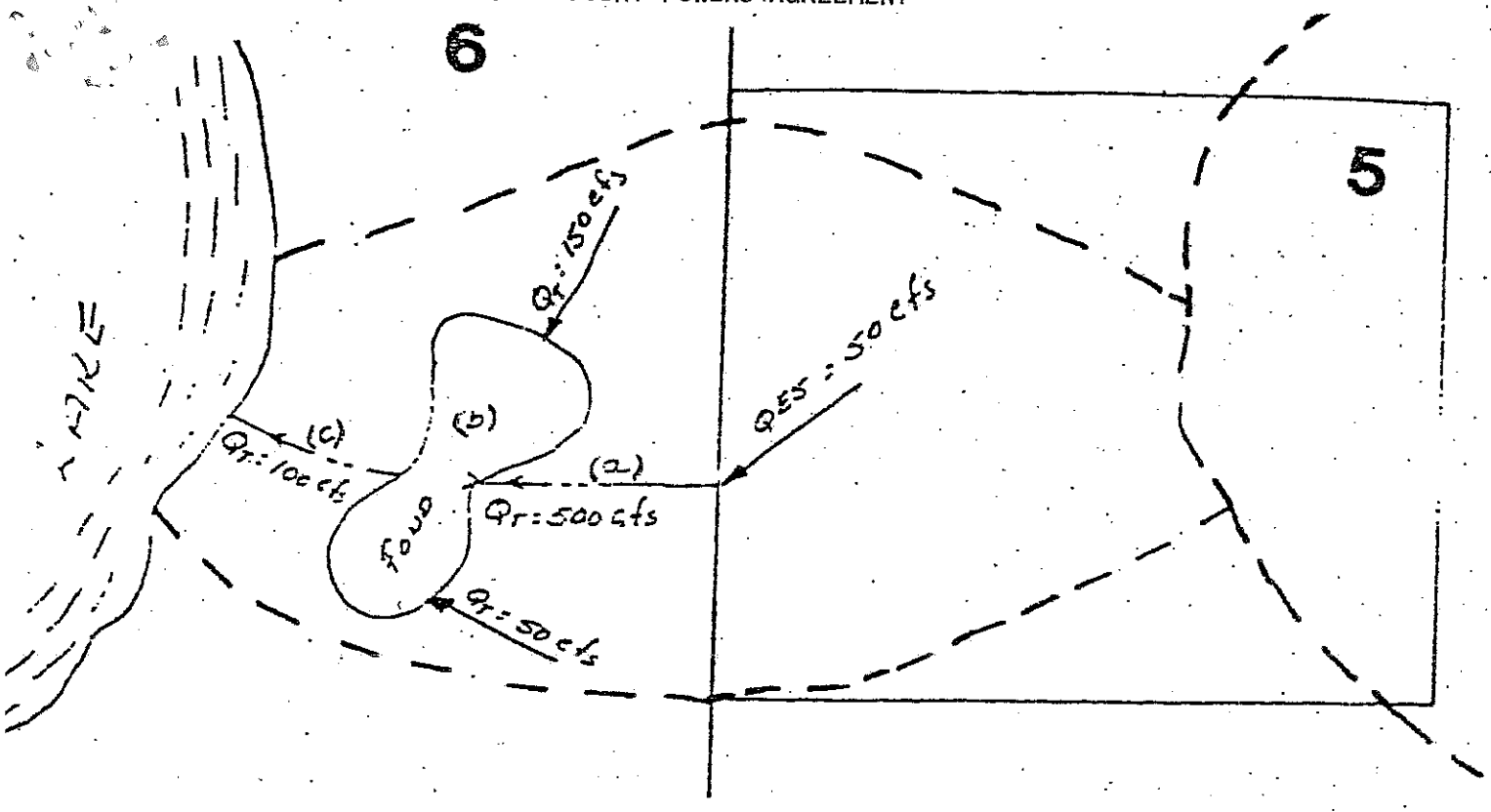
V_T is the total Volume used in the design of the detention pond.

City #5 (Outlet "c"): Cost share $= \frac{Q_{E5}}{Q_T}$ x Project cost of Outlet "c".

Where: Q_{E5} is reduced from Trunk "a" Inlet Q_{E5} by the ratio of $\frac{\text{Outlet } Q_T}{\text{Inlet } Q_T}$;

Inlet Q_T is the summation of all flows into the pond;
Outlet Q_T is the total flow rate out of the pond under design conditions.

Note: See Page 9 for sample calculations



EXAMPLE "E" - ADDED PONDING

Sample calculation for City #5 cost share for Outlet "c":

Assume:

Q_{E5} = 50 cfs

Q_T Pond inflow in Segment "a" = 500 cfs

Q_T Pond inflow from other areas = 200 cfs

ΣQ_T Pond inflow = 700 cfs

Q_T Pond Outlet "c" = 100 cfs

And:

$$Q_{E5\ (OUTLET)} = Q_{E5\ (INLET)} \times \frac{Q_{T\ (OUTLET)}}{\Sigma Q_{T\ (INLET)}}$$

$$\text{City \#5 cost share} = \frac{Q_{E5\ (OUTLET)}}{Q_{T\ (OUTLET)}} \times \text{Project cost of Outlet "c"}$$

Then:

$$Q_{E5}\ \text{(for Segment "c")} = \frac{100}{700} \times 50 = 7.14\ \text{cfs}$$

$$\text{City \#5 cost share} = \frac{7.14}{100} \times \text{Project cost of Outlet "c"}$$

BARR ENGINEERING CO.

MEMORANDUM

TO: Lower Mississippi River Watershed Management Organization Managers

FROM: James R. Langseth

SUBJECT: Allowable Flow - Summary of Understanding Based on the Discussions at the Informal Meeting Held February 1, 1988

DATE: March 9, 1988

Allowable Flow - Rate of Flow Calculation

Allowable flow is a set of conditions defined for the purposes of cost apportionment. Allowable flow is not a historic condition or a natural condition of the watershed. The application of the Joint Powers Agreement (JPA) provisions for allowable flow calculation was interpreted as described below.

1. The allowable flow calculation shall be based on the following watershed, land use, precipitation event, and drainage system definitions:

    a. Watershed: Consists of the entire tributary watershed, defined by natural flow pathways, overflow routes, and the drainage system existing as of the effective date of the JPA.

        1) Landlocked areas are included.

        2) Areas diverted in by the drainage system existing as of the effective date of the JPA are included.

        3) Areas diverted out by the drainage system existing as of the effective date of the JPA are not included.

4) Natural flow pathways and overflow routes are defined by the topography available as of the effective date of the JPA.

b. Land use: The entire tributary watershed is considered to contribute flow as if it were all in a "natural vegetation" state.

1) Regardless of past or present land use or vegetation, landlocked status, proportion covered by water surface, or other "natural condition" land use variables, all areas are treated as land surface.

2) All stormwater detention basins, including lakes, are considered as though they had been filled and are treated as land surface in the analysis.

3) The runoff coefficient "C" for the Rational Method is to be 0.15 for "natural conditions". Other computational methods shall select variables which provide similar representations of conditions (for example, the percent impervious for the Barr Hydrograph Method will probably be 0% for "natural conditions").

c. Precipitation event: critical 10-year frequency storm.

1) The Joint Powers agreement examples use the Rational Method and imply the critical frequency storm is a 10-year frequency rainfall intensity for a duration corresponding to the time of concentration of the watershed.

2) For hydrograph methods, the critical storm is that storm resulting in the highest peak flowrate. This will most likely be a storm having its peak rainfall rate at a time approximately equal to the watershed time of concentration.

d. Drainage system: A developed conveyance system is assumed to exist, that is, runoff is efficiently conveyed to the outlet in a system adequate to convey the 10-year runoff rates.

1) Times of concentration are to be appropriate to the typical slopes of the subwatersheds.

2) Flow velocities are to be appropriate to 10-year drainage system design.

3) No storage routing is considered because detention basins are considered not to exist.

2. To determine Excess Flow - Rate of Flow:

a. the allowable rate of flow shall be compared to the greater of:

1) The 10-year frequency critical storm design rate of flow.

2) Where there is a detention basin at the outlet of the upstream community's drainage system: the 100-year frequency critical storm design rate of flow.

b. The design condition will use:

1) Anticipated ultimate tributary watershed

2) Ultimate land use development, with appropriately applied runoff ("C") factors

3) Design storm - the critical duration 10-year or 100-year frequency event

4) Proposed drainage system, including detention basins and including the routing of runoff through those basins

Allowable Flow - Volume of Flow Calculation

1. The meaning of Allowable Flow - Volume of Flow, used for cost sharing on downstream detention basins, was not specifically discussed at this meeting. However, based on the discussion and reading the JPA, I have the following understanding:

   a. Watershed: as above (1.a.)

   b. Land use: as above (1.b.)

   c. Precipitation event: The 100-year frequency storm that is critical for the conveyance system design. (The JPA specifies the 100-year frequency 24-hour precipitation event as the criteria for detention basin design, but I interpret this to mean the critical duration storm.)

   d. Drainage system: as above (1.d.)

   e. Allowable flow: Volume of flow is the total runoff volume from the storm.

2. To determine Excess Flow - Volume of Flow: the allowable volume of flow shall be compared to the total runoff volume from the design storm, less the design volume of the upstream community's detention basins.

BARR ENGINEERING CO.

MEMORANDUM

TO: Jim Langseth/File
FROM: Dennis Palmer
SUBJECT: LMRWMO Cost Allocation Formula
DATE: August 18, 1988

The following paragraphs summarize my interpretation of the cost allocation formula based on my reading of the Joint Powers Agreement, the memorandum from the February 1, 1988 meeting, the memorandum of June 22, 1988 from SEH, the letter of June 22 from the WMO attorney, and what I believe to be a reasonable and workable solution.

In general, an upstream community will be permitted to discharge an "allowable flow" without being required to participate in the cost of the downstream conveyance system. The cost to be apportioned to an upstream community will be based upon flows which exceed the "allowable flow". Calculation of the allowable flow involves: 1) definition of the contributing watershed, and 2) application of hydrologic criteria for the calculation of flow from that watershed.

(1)

- The watershed should be that ". . . area within a line drawn around the extremities of all terrain whose surface drainage is tributary . . ." to the point at which the allowable flow is to be calculated.

  Comment: The quoted portion of the above definition comes from Section 3, Subdivision 10 of the Joint Powers Agreement, where it refers to the watershed of the WMO as being that area tributary to the Mississippi River. A similar definition would include landlocked areas in the watershed area when calculating allowable flow. However, the definition of "allowable flow" in Section 3,

Subdivision 3 could be strictly interpreted as excluding any landlocked areas which had not been provided an outlet as of the enactment date of the agreement. Thus, I believe the agreement is technically unclear as to consideration of landlocked areas.

The following thoughts are offered as a rationale for addressing landlocked basins. I have no personal knowledge of the intent of those who framed the Joint Powers Agreement; however, I believe that the tributary watershed should include any landlocked basins tributary to the point in question for the following reasons:

1) I believe we should presume that engineers and planners operating within and designing systems for an urban environment would have included within the design of any existing systems some allowance for future flow from presently landlocked areas. Thus, in Section 3, Subdivision 3 of the Joint Powers Agreement, I believe it would be appropriate to interpret that ". . . drainage system in place . . ." refers to a system which allows for ultimate discharge from such areas, whether or not they were landlocked as of the enactment date of the agreement. Note that I have no firsthand knowledge of discussions that took place between those who drafted this agreement - I am stating an opinion as to what my intent would have been.

2) When the effect of ponding in a landlocked area is considered, the contribution of the landlocked area to the allowable flow at the point in question will probably be negligible, and the inclusion of the landlocked area will therefore have little, if any, effect on cost allocation for the conveyance system or storage facilities downstream.

For landlocked basins entirely within a single community and when a landlocked basin occurs at a drainage boundary between communities, an allowable flow must be determined in order to apply the cost allocation formula in the agreement. I propose the following:

(2)

- The allowable flow from landlocked basins will be 0.0252 cfs per acre.

  Comment: Under natural conditions, the effective outflow is limited to seepage and is very small. Thus, it follows that a snowmelt event would be critical. The 100 year snowmelt is approximately 6 inches of runoff in 10 days. I propose that the allowable flow from a landlocked basin be defined as the 100 year runoff (6 inches of runoff in 10 days) or an average of 0.0252 cfs per acre. Note that this is much less than the flow which would be calculated using a rational coefficient of 0.15.

  An alternative procedure would be to permit discharge from landlocked basins at no cost to the discharging community unless their discharge required oversizing of downstream systems. In that case, the upstream community would pay for the actual cost of oversizing the downstream conveyor to accommodate discharge from the landlocked basin. In practice, this would mean that the upstream community would participate in the cost of a limited length of the downstream system since local peak discharges soon become the prevailing design criteria when compared with outflow rates from upstream storage basins. This alternative is not favored because it differs more greatly from the formula in the agreement than does the defined allowable flow above.

(3)

- Delineation of the watershed area should consider the conveyance system in place as of the date of the enactment of the agreement. The conveyance system should be interpreted to include (1) all detention areas which had been constructed as a part of the drainage system in place and (2) all detention areas which happened to occur because of ". . . the characteristics of the land on the date of enactment . . ." (from Section 3, Subdivision 12).

Comment: Storm sewer systems which existed as of the date of enactment may have altered the natural watershed divides. If an area is diverted away from the point where allowable flow is to be calculated, the agreement is clear; Section 3 subdivision 3 excludes any flow which is diverted away by the system in place. However, I believe that the agreement intends to include any water which may have been diverted into the watershed being considered by in-place systems. Likewise for calculating the allowable flow I believe the agreement intends to include any waters contributed by existing systems serving areas which were landlocked in their natural state.

Detention basins should be considered to be a "characteristic of the land on the date of enactment". As such, they are a part of the conveyance system and should be considered in the calculation of allowable flow. To ignore their effects would result in an allowable flow that was unreasonably high, just as to ignore landlocked basins could yield an allowable flow that was unreasonably low.

(4) • For calculation of allowable flow, the same criteria should be used as was employed for calculation of the design flow, except that runoff factors should be appropriately reduced (C=0.15) to represent undeveloped watershed conditions.

Comment: The design flow at a given point would be (1) that flow calculated to result from a 10-year rainfall event, or 2) the peak outflow from ponds immediately upstream of the point in question (which results from the critical 100-year runoff event), whichever is greater. The allowable flow should be calculated in exactly the same manner, assuming the drainage system at the time of enactment and non-urban conditions. It is conceivable that a well-designed storage basin could actually reduce the peak flow from an urban area to a level below that which would occur under natural conditions, as defined in the agreement. It is therefore

necessary to consider both the 10 year and 100 year events when calculating the allowable flow.

The use of a Rational Formula coefficient equal to 0.15 appears to be an agreed upon compromise developed by the technical advisors to those who drew the Agreement. It will adequately serve the purpose for which it was intended. It should not, however, be used to exclude the calculation of allowable flow by hydrograph methods and other standard engineering techniques.

FR/332,0/cmf

BARR ENGINEERING CO.

MEMORANDUM

TO: File

FROM: Jim Langseth

SUBJECT: Allowable Flow

DATE: August 25, 1988

A meeting was held on August 11, 1988 to discuss the meaning of allowable flow as defined in the Joint Powers Agreement (JPA). This meeting was attended by Jim Langseth representing Barr Engineering, John Sachi representing Inver Grove Heights, Bill Price representing Sunfish Lake, Jim Danielson representing Mendota Heights, Skip Stephaniak representing West St. Paul, and Mark Loebermeyer from SEH and Bob Simon representing South St. Paul.

A letter inviting all members and alternates of the Lower Mississippi River Watershed Management Organization to the meeting had been mailed out prior to the meeting. Copies of the letter had also been distributed to all advisors to the LMRWMO. In that letter four topics were identified for discussion at the meeting. A copy of the letter is attached. For each of the topics, a series of reasonable interpretations of the agreement were presented in the letter. It was hoped that the group would agree on one set of interpretations.

Bill Price, Skip Stephaniak, and Jim Danielson had been involved at one level or another in the formulation of the allowable flow definitions in the JPA. Bill Price had been retained by the framers of the JPA to prepare the examples in the JPA. Bill Price explained some of the factors that went into the formulation of the allowable flow concept. First, the upstream communities have the right to discharge some flow downstream without cost. Second, the examples were simplified so that they would be easy to apply and would serve to illustrate the fundamental concepts. Third, the examples in the JPA must be used to interpret the language regarding these matters.

Skip Stephaniak explained that the "C" factor of 0.15 was a compromise number that was arrived at as a way to reduce the variability in the calculation of allowable flow.

Mark Loebermeyer, speaking for South St. Paul, suggested that if the examples defined allowable flow then they could also be used to define excess flow. One could simply change the "C" factor from natural conditions to developed conditions to arrive at the excess flow.

Bob Simon pointed out that the examples might be for illustration but were not definitive. A reference to the examples was found in the JPA. That reference occurs on page A-15 of the JPA in the Watershed Management Plan. Section 9, Subdivision 6(f) of the JPA states "The attached Exhibit A is incorporated by reference and serves as a compilation of general examples of cost allocation under this agreement for the hypothetical circumstances stated in the examples."

Bill Price pointed out that during the discussions leading to the JPA, the possibility was discussed that a community could hold back enough water so that they would not owe any cost sharing for downstream construction.

The position maintained by the representatives from South St. Paul through all of the discussions was that calculation of allowable flow and design flow should be commensurate. They should be done using the same watershed, the same drainage system, the same ponds, and so forth. That is, if allowable flow is calculated without ponds, excess flow should be calculated without ponds. If design flow is calculated including ponds, allowable flow should be calculated including ponds. The South St. Paul representatives maintained that the examples and the language of the Joint Powers Agreement provided no basis for calculation of allowable and excess flows by two different approaches.

After further discussion, the questions raised in the letter of August 5 were discussed directly. A summary of the discussion of those questions follows:

1. What is the allowable flow from landlocked areas (such as the watershed tributary to Sunfish Lake)?

   Three communities indicated that the allowable flow would be an amount determined by the methods in the examples incorporated in the Joint Powers Agreement. By this they meant that the allowable flow is determined by the rational method applying a "C" factor of .15, rainfall intensity according to the time of concentration of the watershed, and the full watershed area. Inver Grove Heights indicated that they would answer D, "other", by which they meant that the allowable flow would be related to the ultimate development drainage system (answer B from Question 2). South St. Paul indicated the answer was B: the allowable flow would depend upon the drainage system in place on October 1, 1985. This implied that if no drainage system were in place there would be no allowable flow in that landlocked area.

2. What is the drainage system in place and the definition of "allowable flow"?

   Four communities indicated that the answer would be C, a hypothetical system adequate to convey only the allowable flow with no ponding considered. One community elaborated to explain that this implied that there would be a whole new hypothetical drainage system in place sufficient to carry the allowable flow rate. South St. Paul indicated that the drainage system in place meant the system in place on October 21, 1985. West St. Paul pointed out that the date was meant to define when waters were considered diverted in or out of a watershed and was not intended to define ponds and detention basins and the drainage system that should be used in the calculation of allowable flow. Bill Price pointed out that the language regarding diversion was added because there was existing diversion even at that stage. Thus the diverted waters in Section 3, Subdivision 3 of the JPA refers to the waters diverted after the signing of the JPA.

There was some discussion of whether or not DNR-protected public waters could be ignored in calculating allowable flow.

3. What shall the allowable flow storm be?

This question was more or less skipped because with allowable flow being defined as incorporating the examples in the back of the JPA, the allowable flow from an upstream community is defined as the 10-year frequency discharge. The initial answers indicated by the parties were that the allowable flow storm should be the 10-year frequency for pipes and 100-year frequency only for open channels and pond volumes, but that the upstream community allowable flow is computed without ponds.

4. How are detention basins treated in calculation of allowable flow?

Four of the communities indicated that the answer is A. Detention basins are ignored as in Example "A" of Exhibit A of the JPA. South St. Paul indicated the answer would be either B, as defined by the topographic data available on October 21, 1985 or C, as defined by the drainage system in-place on October 21, 1985 or a combination of both.

Following this discussion, a vote was taken on what to tell the Board regarding the outcome of the meeting. What we agreed to report to the Board was that the Committee could not come to unanimous agreement on the meaning of allowable flow, but the majority supported the definition as explained in the memo from the February 1, 1988 meeting. The meeting concluded after this vote.

LMRW/322,0/tvo

MEMORANDUM

TO: Lower Mississippi River Watershed Management Organization

FROM: James R. Langseth

DATE: February 19, 1992

RE: Allowable Flow, Summary of Understanding Based on the Discussions at the Meeting Held December 13, 1991

This meeting was held to address three topics and a fourth topic was briefly discussed.

1. Allowable flow 100-year frequency storm design conveyance systems.

2. Allowable volume.

3. Cost apportionment downstream of ponds.

4. Cost allocation principles for diversions where more than one city contributes flow.

These interpretations use the definitions for watershed, land use, and drainage system set forth in the March 9, 1988 Allowable Flow memorandum. The current memorandum provides an interpretation of the allowable flow for cases where the design is not based on a 10-year storm.

1. Allowable Flow for 100-Year Frequency Storm Design Conveyance Systems

The Joint Powers Agreement, Section 3, Subd. 3, states that the allowable flow is a rate an volume of flow according to the design criteria in Section 8, Subd. 6. Section 8, Subd. 6 provides that detention basins and open channel conveyance systems be designed for a 100-year return frequency storm.

Consistent with these provisions, for drainage systems for which the design criteria are 100-year return frequency precipitation events, the allowable flow shall be computed as a 100-year rate and volume flow.

The allowable rate of flow shall be computed by $Q = CIA$
where:

Q is the allowable flow rate in cubic feet per second.

C is the runoff coefficient, defined to be 0.15.

I is the 100-year return frequency rainfall intensity appropriate to the watershed time of concentrations, in inches per hour.

A is the watershed area in acres.

Excess flow is the 100-year design flow less the 100-year allowable flow.

This approach shall be applied for conveyance systems where the design is governed by 100-year return frequency events. This includes [redacted], detention basin outlets, conveyance systems downstream of detention basins, open channels, and other conveyance that is designed for 100-year return frequency events. Similar logic would apply to any system for which the design criteria was neither 10-year or 100-year. See Example F for an illustration of a 100-year excess flow calculation.

2. Allowable Volume

The allowable volume is the total runoff volume from the design storm, for a watershed with the land use defined in the March 9, 1988 memorandum. Where the ponding in the upstream community is negligible, the allowable volume may be estimated as being in the same proportion to the design volume as the allowable flow is to the design flow.

In general, the allowable volume may be computed with the same techniques used to determine the design volume, provided the technique also accurately calculates the allowable discharge rate.

The excess volume is the difference between design and allowable volume.

Where there is upstream ponding, the volume of those ponds is deducted from the excess volume to the extent the upstream detention reduces the volume needed in downstream ponds. Thus, only the storage in upstream detention basin at the time of peak of the downstream detention basin may be used to reduce the excess volume from the upstream community. For instance, assume the peak elevation at a downstream community pond occurs at 6 hours. Assume the upstream community pond stores 10 acre-feet at its peak at 3 hours, but only 5 acre-feet at 6 hours. The "excess volume" from the upstream community would be reduced by 5 acre-feet to account for the storage. See Example G for an illustration of this case.

3. Cost Apportionment Downstream of Ponds

In the Joint Power Agreement, Exhibit A, page 9 of 9, the formula for adjustment to excess flow as a result of ponding is presented:

$$Q_{excess}(outlet) = Q_{excess}(inlet) \times \frac{Q_{total}(outlet)}{\Sigma\, Q_{total}(inlet)}$$

The proportioning $Q_{total}^{(outlet)}/\Sigma\, Q_{total}^{(inlet)}$ shall be computed on the same return frequency event used for the pond design. If the pond is designed for a 100-year event, the adjustment in excess flow through the pond shall be based on the 100-year outflow and inflow values. Thus, if a 10-year design governs cost sharing for construction downstream of a pond, the 10-year excess flow would be reduced as follows:

$$Q_{excess\ 10\text{-}year\,(outlet)} = Q_{excess\ 10\text{-}year\,(inlet)} \times \frac{Q_{total\ 100\text{-}year\,(outlet)}}{\Sigma\ Q_{total\ 100\text{-}year\,(inlet)}}$$

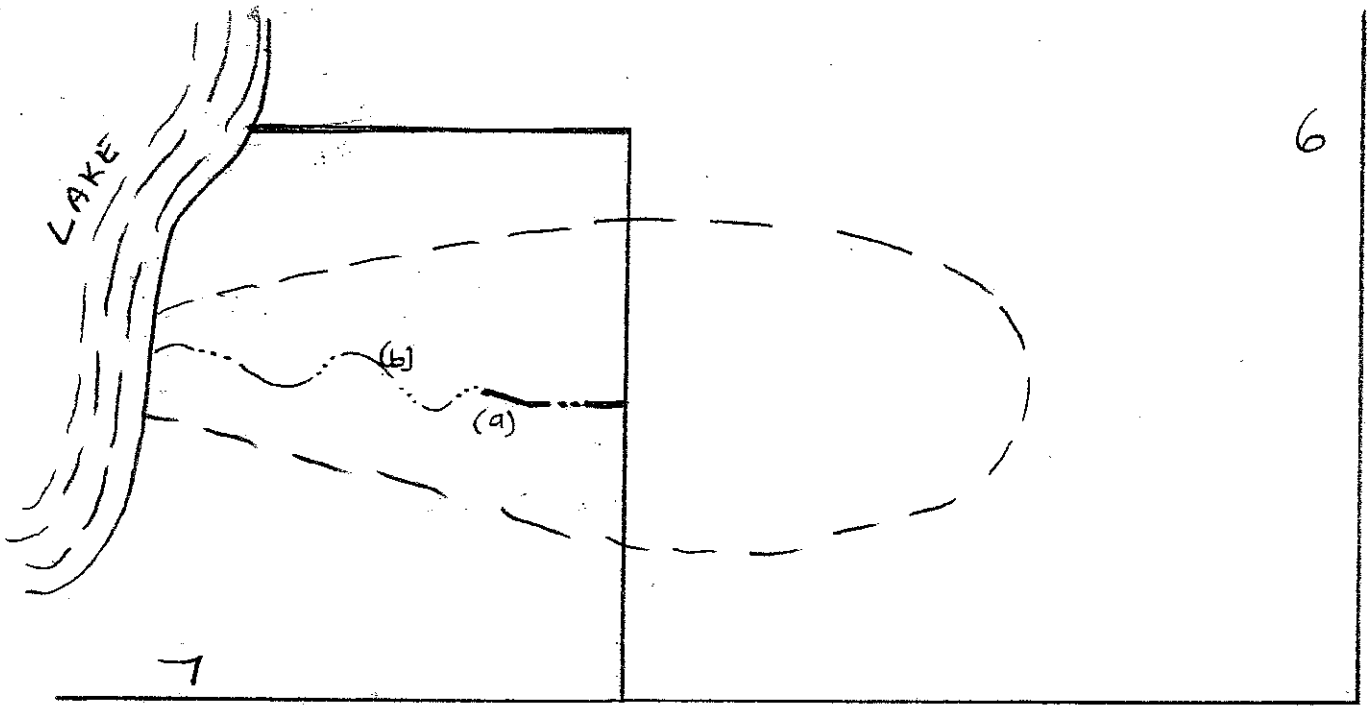
See Example H for an illustration of this case.

4. Cost Allocation Principles for Diversion Where More Than One City Contributes Flow

For diversion of water out of its current watershed, into a watershed to which it did not previously flow, there is no allowable flow associated with the diverted water. Consequently, the excess flow from the diverted area equals the design flow. If more than one city contributes water to the diversion, the excess flow from each community is their portion of the design flow from the diverted area. Thus, the cost allocation proportion for each city is their proportion of the design flow.

The "diversion in" is associated with an equal area of "diversion out" of another watershed. The cities retain their allowable flow in the watershed from which the area was "diverted out." This is illustrated for "diversion out" by one city on Page 6 of 9 of Exhibit A to the Joint Powers Agreement.

This principal was applied to the Lexington Avenue drainage case with Lilydale and Mendota Heights. The situation is illustrated conceptually in Example I.



Example F - Other than 10-year Design

Project: Construct storm sewer "a" and open channel "b" in City #7 to provide drainage for Cities #6 and #7 under fully developed conditions.

Cost Allocation:

City #6 Cost Share: $\frac{Q_{E6-10}}{Q_{D-10}}$ x Total Project Cost for "a"

$\frac{Q_{E6-100}}{Q_{D-100}}$ x Total Project Cost for "b"

Q_{E6-10} = 10 year excess flow from City #6 = $Q_{D6-10} - Q_{A6-10}$

Q_{D6-10} = 10 year design flow from City #6

Q_{A6-10} = 10 year allowable flow from City #6

Q_{D-10} = 10 year design flow for storm sewer "a"

Q_{E6-100} = 100 year excess flow from City #6 = $Q_{D6-100} - Q_{A6-100}$

Q_{D6-100} = 100 year design flow from City #6

Q_{A6-100} = 100 year allowable flow from City #6

Q_{D-100} = 100 year design flow for open channel "b"

Example F- Continued

City #7 Cost Share: Total Project Cost - (City #6 Cost Share)

Sample Calculations

City #6 - Watershed area = 100 acres

Q_{D6-10} = .40 x 2"/hr x 100 = 80 cfs

Q_{A6-10} = .15 x 2"/hr x 100 = 30 cfs

Q_{E6-10} = 80 - 30 = 50 cfs

1. City #6 cost share for storm sewer "a" = $\frac{50\text{ cfs}}{80\text{ cfs}}$ x "a" Project Cost =

= 0.625 x "a" Project Cost

2. City #6 cost share for open channel "b":

Q_{D6-100} = .40 x 4"/hr x 100 = 160 cfs

Q_{A6-100} = .15 x 4"/hr x 100 = 60 cfs

Q_{E6-100} = 160 - 60 = 100 cfs

Assume Q_{D-100} for channel "b" = 200 cfs

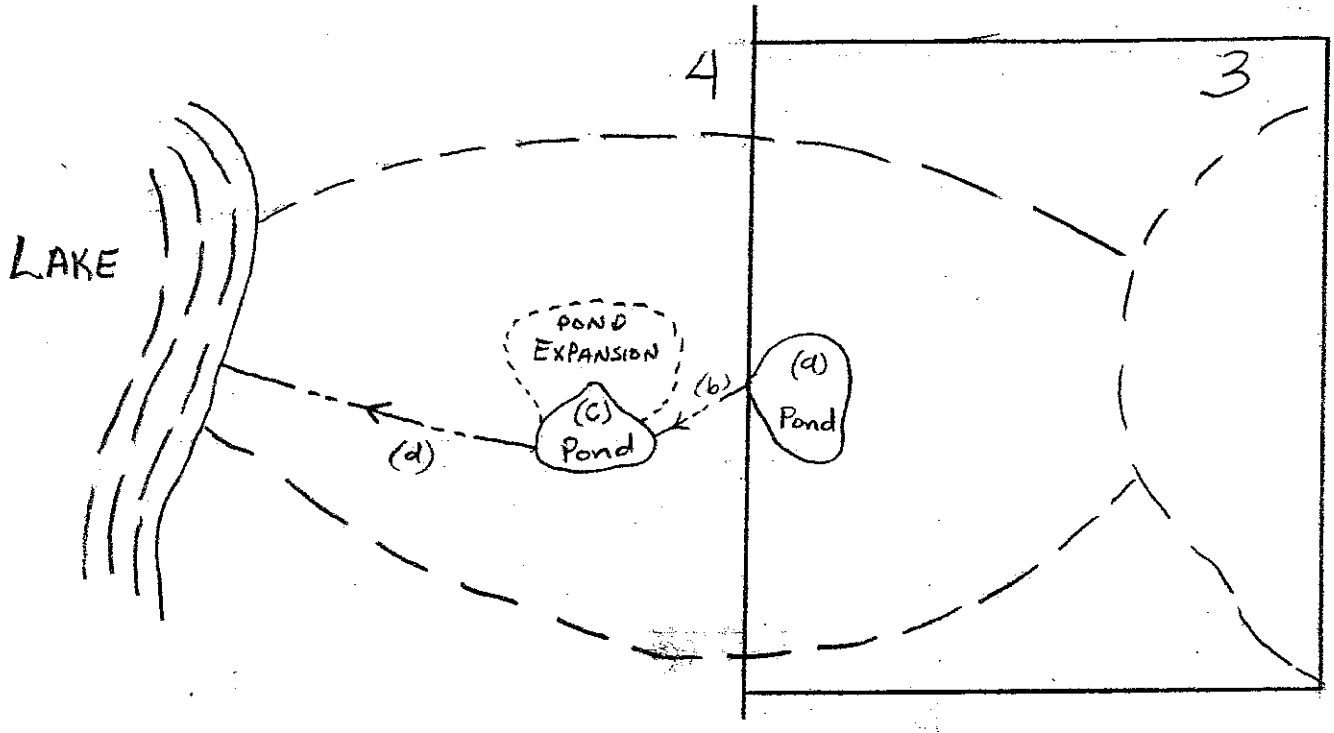
City #6 cost share = $\frac{100\text{ cfs}}{200\text{ cfs}}$ x "b" Project Cost

= 0.5 x "b" Project Cost

Summary of Costs:

Segment "a" (10 year design)	City #6 Cost Share =	0.625 x Project Cost for "a"
	City #7 Cost Share =	0.375 x Project Cost for "a"
Segment "b" (100 year design)	City #6 Cost Share =	0.5 x Project Cost for "b"
	City #7 Cost Share =	0.5 x Project Cost for "b"

EXAMPLE G



EXAMPLE G : ALLOWABLE VOLUME

Pond "c" is to be expanded from a 10 acre-foot (AF) storage capacity to a 50 AF storage capacity detention basin. The critical design storm for Pond "c" will be the 6-hour 100 year return frequency rainfall.

Background & Assumptions:

$Q_{D_b\text{-}100}$ = Design flow (100 year) in segment b = 50 cfs

$Q_{A_3\text{-}100}$ = Allowable flow (100 year) from City #3 = 60 cfs
i.e. .15 x 4 in/hr x 100 acres = 60 cfs

$Q_{E_3\text{-}100}$ = Excess flow (100 year) from City #3

$= Q_{D_{6\text{-}100}} - Q_{A_3\text{-}100} = 50 - 60 = -10$ cfs

(conveyance system)

Therefore there is no excess flow from City #3, and City #3 does not participate financially in conveyance system improvements and maintenance in the downstream community, City #4.

City #3 may nevertheless be obligated to share in

EXAMPLE "G" continued

the Pond expansion costs, & maintenance costs of entire Pond

Excess Volume Calculation

$$V_{E_3} = V_{D_3} - V_{A_3} - V_{P_3}$$

V_{E_3} = Excess volume, from City #3, for the Pond "c" critical design storm (i.e. 100year-6 hour storm)

V_{D_3} = Design volume of runoff from City #3 for the Pond "c" critical design storm.

V_{A_3} = Allowable volume of runoff from City #3 for the Pond "c" critical design storm.

V_{P_3} = Volume of runoff stored in ponds in City #3 at the time of the peak volume stored in Pond "c" for the Pond "c" critical design storm.

Assume:

V_{D_3} = 75 AF

V_{A_3} = 35 AF

V_{P_3} = 10 AF. Say Pond "a" was designed to store 30 AF for its critical storm - a 1-hour 100 year storm. But, say the time of peak at Pond "c" is 6 hours later, so only 10 AF remains stored in Pond "a" at the time of peak in Pond "c".

$$V_{E_3} = 75\,AF - 35\,AF - 10\,AF = 30\,AF$$

Thus, although there is no excess flow (flowrate) from City #3, there is excess volume from City #3.

The allowable volume should be calculated using the same methodology as used to calculate the design volume, but the land use should be converted to 100% turf or pasture in good condition.

Example "C" continued

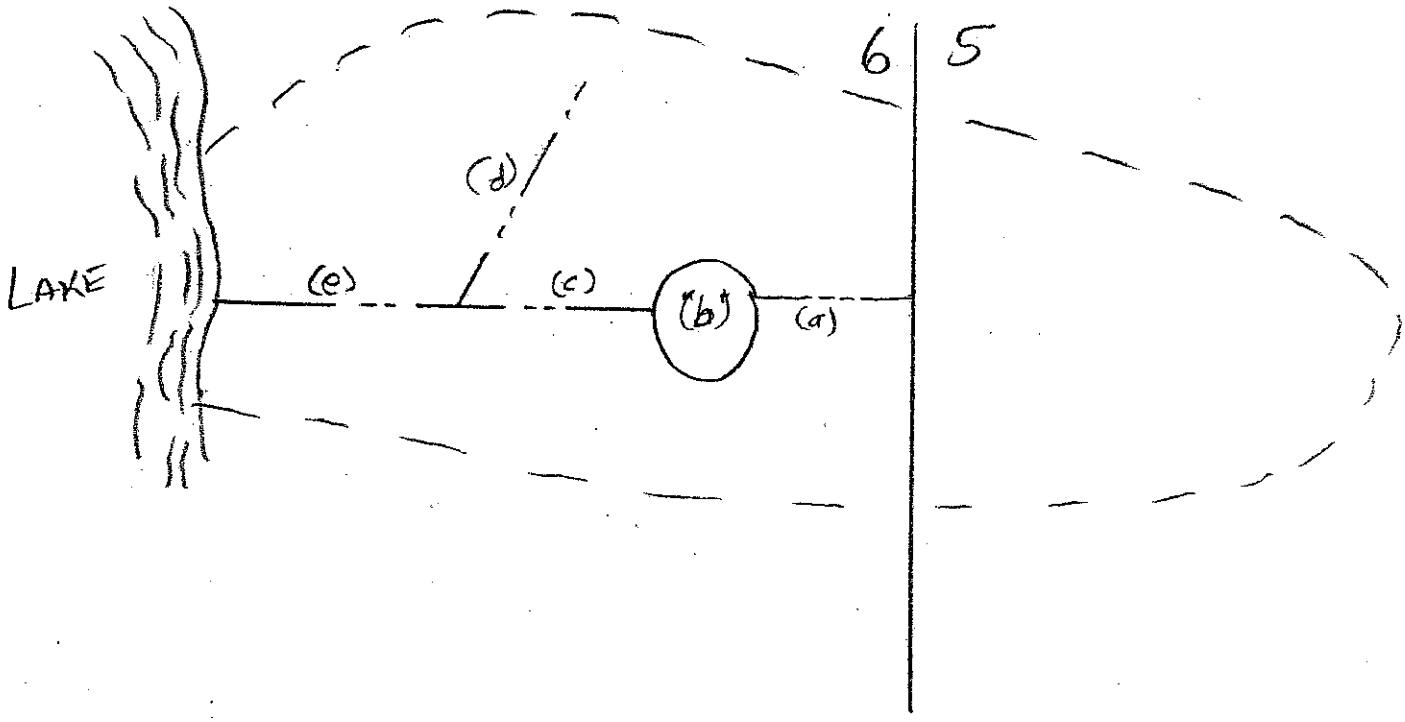
COST ALLOCATION

Cost share for Pond "c" expansion:

City #3 cost share: $\frac{V_{E_3}}{V_T}$ x Project Cost for Pond "c" expansion

where V_T = the design increase in storage volume of Pond "c" for the critical storm. Note- this does not include the former design volume of the pond. The former design volume of the pond (before expansion) should be computed as the volume of detention storage below the 'design level' for the former pond, for the Pond "c" expansion design storm at the time of peak for the Pond "c" expansion.

For instance, say former Pond "C" was designed for a 25-year storm, and held 10 AF. But in the 6-hour-100year design storm, the pond would overtop, cause flooding, and the storage at the pond and surrounding area would be 15 AF. Only the 10AF design volume is counted as the "former design volume" for V_T.



EXAMPLE H

Refer to Example E of the Joint Powers Agreement

Assume

Pond "b" reduces outflow to 10% of inflow.

i.e. $\frac{Q_T \text{ (outlet) } 100\text{year}}{\Sigma Q_T \text{ (inlet) } 100\text{year}} = 0.1$

$Q_{E_5\text{-}100}$ = 100-year excess flow from City #5 = 100cfs

$Q_{E_5\text{-}10}$ = 10-year excess flow from City #5 = 70cfs

Then, for segments "c" and "e":

c: 100 year design: $Q_{E_5\text{-}100} = 100 \times .1 = 10$ cfs

e: 10 year design: $Q_{E_5\text{-}10} = 70 \times .1 = 7$ cfs

Assume

$Q_{D_{100}}$ for segment c = 50 cfs

$Q_{D_{10}}$ for segment e = 70 cfs

EXAMPLE H continued

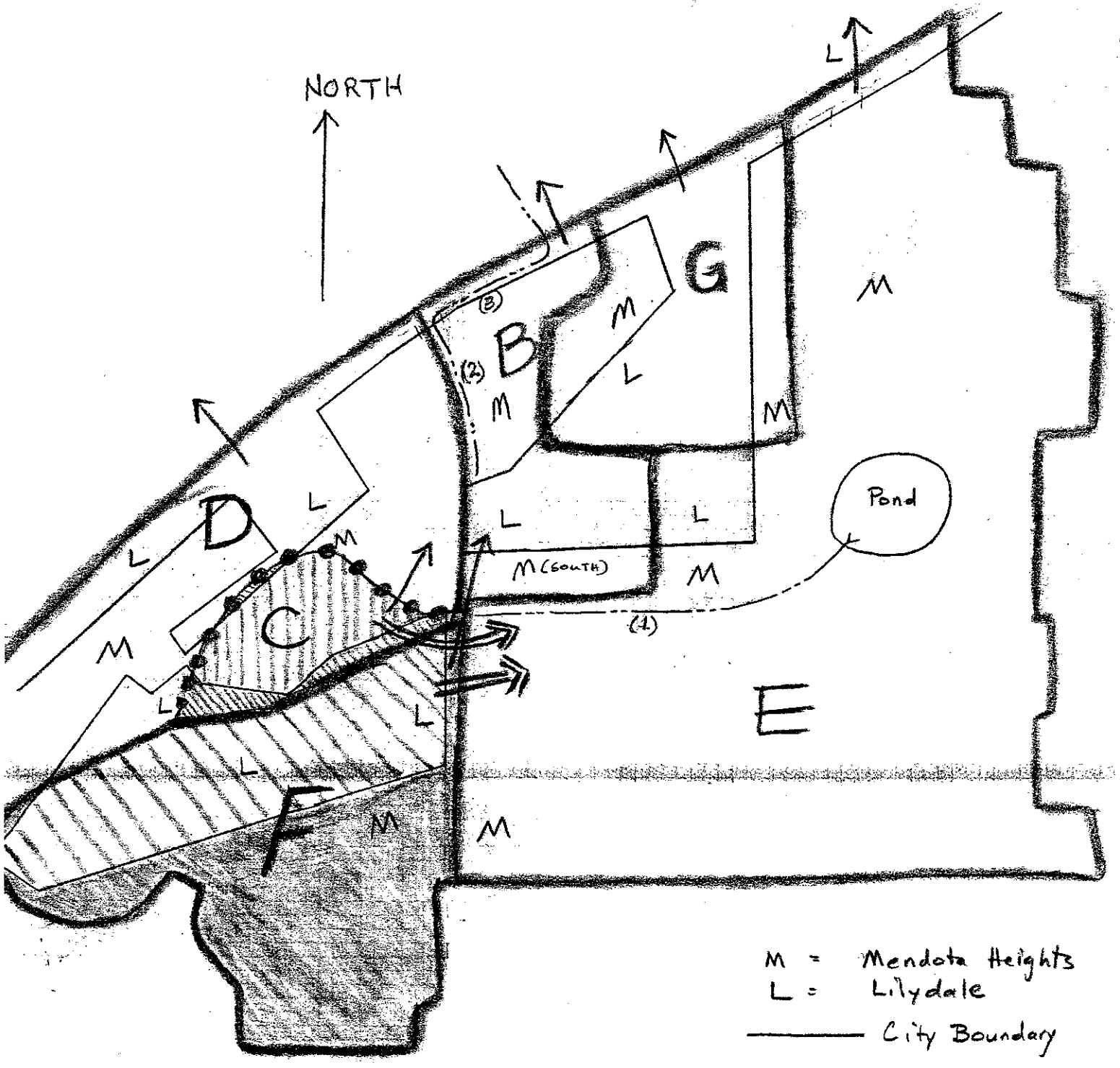
COST ALLOCATION

Segment "c", City #5 cost share = $\frac{10\,cfs}{50\,cfs}$ x Segment "c" Project Cost

= 0.20 x Segment "c" Project Cost

Segment "e", City #5 cost Share = $\frac{7\,cfs}{70\,cfs}$ x Segment "e" ProjectCost

= 0.10 x Segment "e" ProjectCost



M = Mendota Heights
L = Lilydale

——— City Boundary

Principal Watershed Divide

New Principal Watershed Divide as a result of Diversion

→ Original Flow Pattern

EXAMPLE "I" ⇒ Changed Flow Pattern as a result of

Portions of Lilydale diverted from B to E

Portions of Lilydale diverted from D to E

Portions of Mendota Heights diverted from B to E

Portions of Mendota Heights diverted from D to E

COST ALLOCATIONS, Segment "1" in Watershed E

Segment "1" serves Area C and Area F, which have been diverted into Area E. Because this is a diversion, there is no allowable flow attributable to any of Areas C or F diverted into Area E. The cost allocations for Segment "1" are in proportion to the flow contributions from the 2 communities from Areas C and F.

Q_{D_1} = design flow for segment "1" from Area C plus Area F.

$Q_{D_{1_L}}$ = design flow from Lilydale in Area C plus Area F.

$Q_{D_{1_M}}$ = design flow from Mendota Heights in Area C plus Area F.

$$\text{Lilydale Cost Share} = \frac{Q_{D_{1_L}}}{Q_{D_1}} \times \text{Project Cost for Segment "1"}$$

$$\text{Mendota Heights Cost Share} = \frac{Q_{D_{1_M}}}{Q_{D_1}} \times \text{Project Cost for Segment "1"}$$

COST ALLOCATIONS, Segment "2" in Watershed B

Area F (but not Area C) has been diverted out of Area B and into Area E. The allowable flow from Area F is still counted for cost allocation in Area B and the watersheds downstream of Area B. In addition, portions of both Mendota Heights and Lilydale contribute to Segment "2". Segment "2" is considered to be constructed entirely in Mendota Heights.

Q_{D_2} = design flow for segment "2"

$Q_{D_{M_S}}$ = design flow from the portion of Mendota Heights labeled "M (south)" in Area B

Q_{A_L} = allowable flow for Lilydale for segment "2"

Q_{E_L} = excess flow for Lilydale for segment "2"

EXAMPLE "I" continued

$Q_{E_L} = Q_{D_2} - Q_{D_{M_S}} - Q_{A_L}$

$Q_{A_L} = Q_{A_{F_L}} + Q_{A_{B_L}}$

$Q_{A_{F_L}}$ = allowable flow for that portion of Area F which is Lilydale.

$Q_{A_{B_L}}$ = allowable flow for that portion of Area B which is Lilydale

Assume: $Q_{D_2} = 20$ cfs

$Q_{D_{M_S}} = 6$ cfs

$Q_{A_{F_L}} = 12$ cfs

$Q_{A_{B_L}} = 6$ cfs

$Q_{E_L} = 20_{cfs} - 6\,cfs - (12\,cfs + 6\,cfs) = -4\,cfs$

Thus Lilydale has no excess flow in Segment "2".

Lilydale Cost Share = Zero Dollar.

Mendota Heights Cost Share = 100% of Project Cost for Segment "2".

(note - these are assumed values. The analysis of the actual case may lead to other conclusions.)

COST ALLOCATION, Segment "3" in Watershed B (and immediately downstream of Watershed B).

This case is similar to the cost allocation for Segment "2", except that Mendota Heights has an allowable flow, since segment "3" is constructed in Lilydale.

Q_{D_3} = design flow for segment "3",

Q_{D_L} = design flow for the portion of Lilydale in Area B.

Q_{A_M} = allowable flow for Mendota Heights for segment "3".

Q_{E_M} = excess flow for Mendota Heights for segment "3".

EXAMPLE "I" continued

$$Q_{E_m} = Q_{D_3} - Q_{D_L} - Q_{A_m}$$

$$Q_{A_m} = Q_{A_{F_m}} + Q_{A_{B_m}}$$

$Q_{A_{F_m}}$ = allowable flow for that portion of Area F which is Mendota Heights

$Q_{A_{B_m}}$ = allowable flow for that portion of Area B which is Mendota Heights

Assume:

$Q_{D_3} = 40$ cfs

$Q_{D_L} = 14$ cfs

$Q_{A_{F_M}} = 15$ cfs

$Q_{A_{B_m}} = 10$ cfs

Then:

$$Q_{A_M} = 15\text{cfs} + 10\text{cfs} = 25\text{cfs}$$

$$Q_{E_m} = 40\text{cfs} - 14\text{cfs} - 25\text{cfs} = 1\text{cfs}$$

$$\text{Lilydale Cost Share} = \frac{Q_{D_3} - Q_{E_M}}{Q_{D_3}} \times \text{Project Cost for Segment "3"}$$

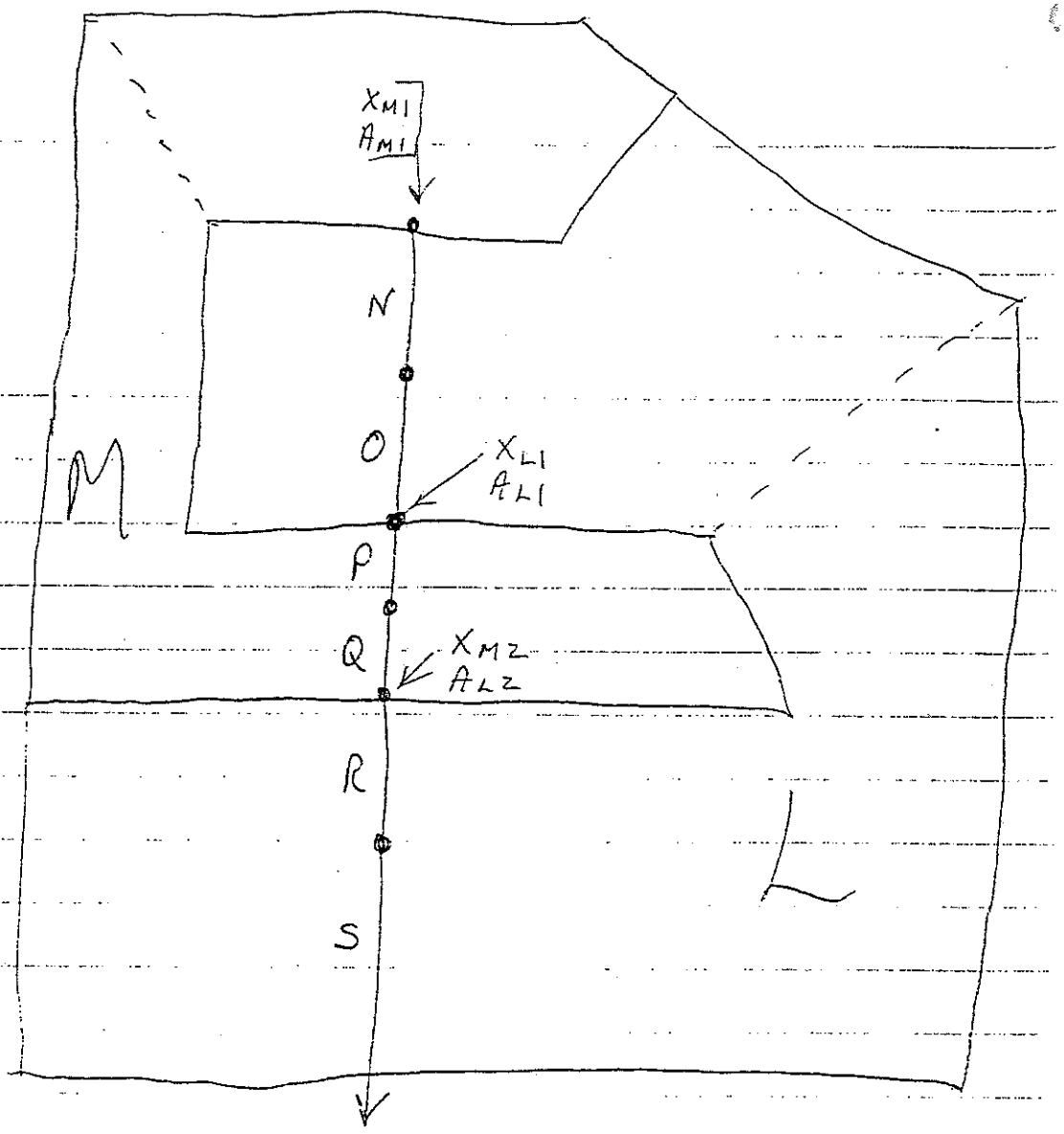
$$= \frac{40-1}{40} \times \text{Cost} = \frac{39}{40} \times \text{Project Cost, Seg. "3"}$$

$$\text{Mendota Heights Cost Share} = \frac{Q_{E_M}}{Q_{D_3}} \times \text{Project Cost for Segment "3"}$$

$$= \frac{1}{40} \times \text{Project Cost for Segment "3"}.$$

(note - these are assumed values. The analysis of the actual case may lead to other conclusions)

M = Community M
L = Community L
X = Excess Flow
A = Allowable Flow
C = Cost
D = Design Flow



Cost Shares

Section N: $M_N = C_N\left(\frac{X_{M1}}{D_N}\right)$ $\quad L_N = C_N\left(\frac{A_{M1}}{D_N}\right)$

Section O: $M_O = C_O\left(\frac{X_{M1}}{D_O}\right)$ $\quad L_O = C_O\left(\frac{A_{M1}}{D_O}\right)$

Section P: $M_P = C_P\left(\frac{D_P - X_{L1}}{D_P}\right)$ $\quad L_P = C_P\left(\frac{X_{L1}}{D_P}\right)$

Section Q: $M_Q = C_Q\left(\frac{D_Q - X_{L1}}{D_Q}\right)$ $\quad L_Q = C_Q\left(\frac{X_{L1}}{D_Q}\right)$

Section R: $M_R = C_R\left(\frac{X_{m1} + X_{m2}}{D_R}\right)$ $\quad L_R = C_R\left(\frac{D_R - X_{m1} - X_{m2}}{D_R}\right)$

Section S: $M_S = C_S\left(\frac{X_{m1} + X_{m2}}{D_S}\right)$ $\quad L_S = C_S\left(\frac{D_S - X_{m1} - X_{m2}}{D_S}\right)$

MEMORANDUM

TO: Lower Mississippi River Watershed Management Organization

FROM: James R. Langseth

DATE: June 12, 1992

RE: Allowable Flow, Summary of Understanding Based on the Discussions at the Meetings Held December 13, 1991 and May 15, 1992

These meetings addressed four topics.

1. Allowable flow for conveyance systems designed for 100-year frequency storms.

2. Allowable volume.

3. Cost apportionment downstream of ponds (detention basins).

4. Cost allocation principles for diversions where more than one city contributes flow.

These interpretations use the definitions for watershed, land use, and drainage system set forth in the March 9, 1988 Allowable Flow memorandum. The current memorandum provides an interpretation of the allowable flow for cases where the design is not based on a 10-year storm, as well as amplifying the principles to be used for diversion of drainage.

1. Allowable Flow for 100-Year Frequency Storm Design Conveyance Systems

The Joint Powers Agreement, Section 3, Subd. 3, states that the allowable flow is a rate an volume of flow according to the design criteria in Section 8, Subd. 6. Section 8, Subd. 6 provides that detention basins and open channel conveyance systems be designed for a 100-year return frequency storm.

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where:

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The allowable volume is the total runoff volume from the design storm, for a watershed with the land use defined in the March 9, 1988 memorandum. Where the ponding in the upstream community is negligible, the allowable volume may be estimated as being in the same proportion to the design volume as the allowable flow is to the design flow.

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The proportioning $Q_{total}(\text{outlet})/\Sigma\, Q_{total}(\text{inlet})$ shall be computed on the same return frequency event used for the pond design. If the pond is designed for a 100-year event, the adjustment in excess flow through the pond shall be based on the 100-year outflow and inflow values. Thus, if a 10-year design governs cost sharing for construction downstream of a pond, the 10-year excess flow would be reduced as follows:

$$Q_{excess\ 10\text{-}year\,(outlet)} = Q_{excess\ 10\text{-}year\,(inlet)} \times \frac{Q_{total\ 100\text{-}year\,(outlet)}}{\Sigma\ Q_{total\ 100\text{-}year\,(inlet)}}$$

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For diversion of water out of its current watershed, into a watershed to which it did not previously flow, there is no allowable flow associated with the diverted water. Consequently, the excess flow from the diverted area equals the design flow. If more than one city contributes water to the diversion, the excess flow from each community is their portion of the design flow from the diverted area. Thus, the cost allocation proportion for each city is their proportion of the design flow.

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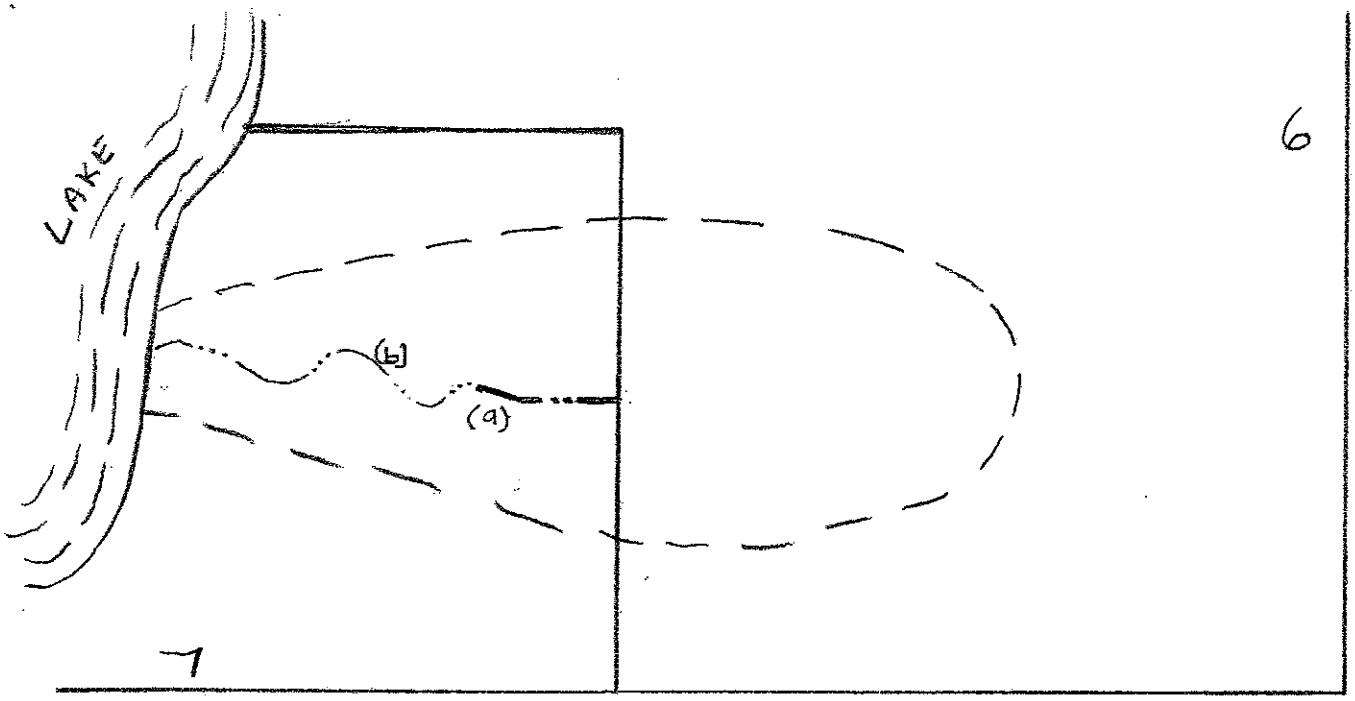

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$\frac{Q_{E6-100}}{Q_{D-100}}$ x Total Project Cost for "b"

Q_{E6-10} = 10 year excess flow from City #6 = $Q_{D6-10} - Q_{A6-10}$

Q_{D6-10} = 10 year design flow from City #6

Q_{A6-10} = 10 year allowable flow from City #6

Q_{D-10} = 10 year design flow for storm sewer "a"

Q_{E6-100} = 100 year excess flow from City #6 = $Q_{D6-100} - Q_{A6-100}$

Q_{D6-100} = 100 year design flow from City #6

Q_{A6-100} = 100 year allowable flow from City #6

Q_{D-100} = 100 year design flow for open channel "b"

City #7 Cost Share: Total Project Cost - (City #6 Cost Share)

Sample Calculations

City #6 - Watershed area = 100 acres

Q_{D6-10} = .40 x 2"/hr x 100 = 80 cfs

Q_{A6-10} = .15 x 2"/hr x 100 = 30 cfs

Q_{E6-10} = 80-30 = 50 cfs

1. City #6 cost share for storm sewer "a" = $\frac{50 \text{ cfs}}{80 \text{ cfs}}$ x "a" Project Cost =

= 0.625 x "a" Project Cost.

2. City #6 cost share for open channel "b":

Q_{D6-100} = .40 x 4"/hr x 100 = 160 cfs

Q_{A6-100} = .15 x 4"/hr x 100 = 60 cfs

Q_{E6-100} = 160 - 60 = 100 cfs

Assume Q_{D-100} for channel "b" = 200 cfs

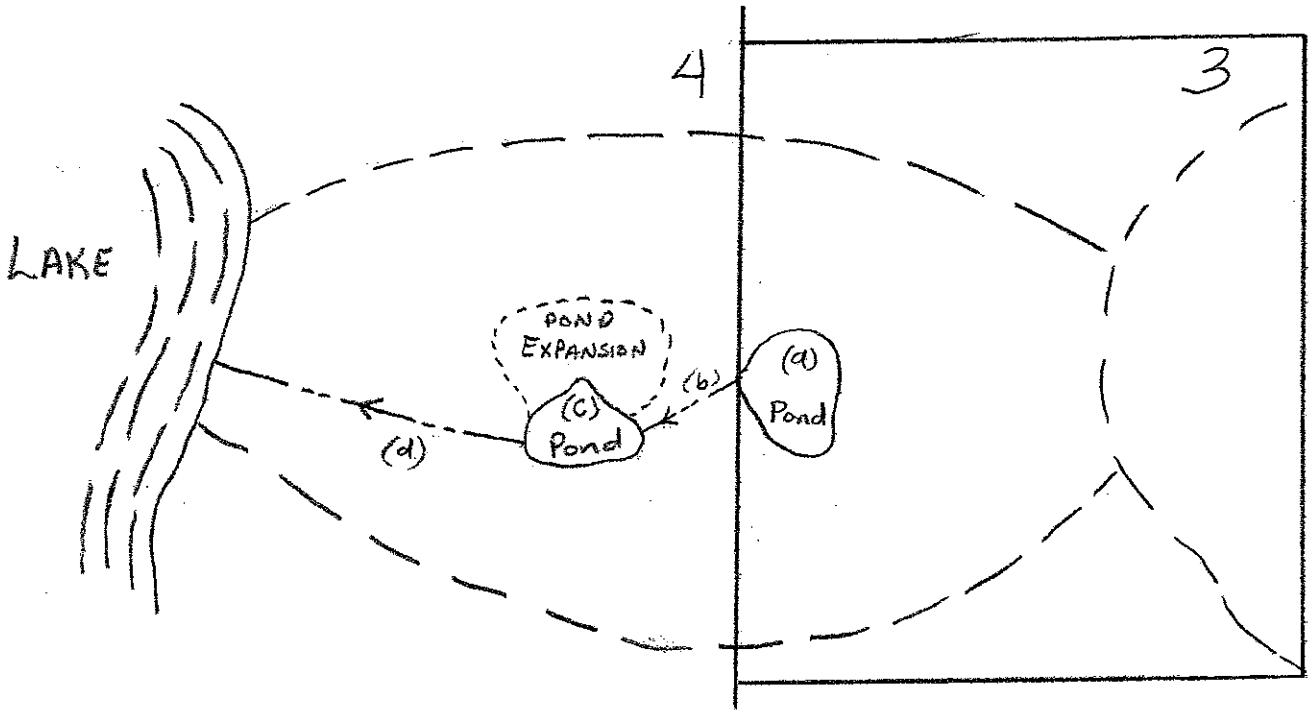
City #6 cost share = $\frac{100 \text{ cfs}}{200 \text{ cfs}}$ x "b" Project Cost

= 0.5 x "b" Project Cost

Summary of Costs:

Segment "a" (10 year design)	City #6 Cost Share =	0.625 x Project Cost for "a"
	City #7 Cost Share =	0.375 x Project Cost for "a"
Segment "b" (100 year design)	City #6 Cost Share =	0.5 x Project Cost for "b"
	City #7 Cost Share =	0.5 x Project Cost for "b"

EXAMPLE G



EXAMPLE G : ALLOWABLE VOLUME

Pond "c" is to be expanded from a 10 acre-foot (AF) storage capacity to a 50 AF storage capacity detention basin. The critical design storm for Pond "c" will be the 6-hour 100 year return frequency rainfall.

Background & Assumptions:

$Q_{D_b\text{-}100}$ = Design flow (100 year) in segment b = 50 cfs

$Q_{A_3\text{-}100}$ = Allowable flow (100 year) from City #3 = 60 cfs
i.e. .15 x 4 in/hr x 100 acres = 60 cfs

$Q_{E_3\text{-}100}$ = Excess flow (100 year) from City #3

$= Q_{D_6\text{-}100} - Q_{A_3\text{-}100} = 50 - 60 = -10$ cfs

Therefore there is no excess flow from City #3, and City #3 does not participate financially in conveyance system improvements or conveyance system maintenance in the downstream community, City #4.

City #3 may nevertheless be obligated to share in

EXAMPLE "G" continued

the Pond expansion costs and maintenance costs of the pond expansion (not of the whole pond).

Excess Volume Calculation

$$V_{E_3} = V_{D_3} - V_{A_3} - V_{P_3}$$

V_{E_3} = Excess volume, from City #3, for the Pond "c" critical design storm (i.e. 100year-6 hour storm)

V_{D_3} = Design volume of runoff from City #3 for the Pond "c" critical design storm.

V_{A_3} = Allowable volume of runoff from City #3 for the Pond "c" critical design storm.

V_{P_3} = Volume of runoff stored in ponds in City #3 at the time of the peak volume stored in Pond "c" for the Pond "c" critical design storm.

Assume:

V_{D_3} = 75 AF

V_{A_3} = 35 AF

V_{P_3} = 10 AF. Say Pond "a" was designed to store 30 AF for its critical storm - a 1-hour 100 year storm. But, say the time of peak at Pond "c" is 6 hours later, so only 10 AF remains stored in Pond "a" at the time of peak in Pond "c".

$$V_{E_3} = 75\,AF - 35\,AF - 10\,AF = 30\,AF$$

Thus, although there is no excess flow (flowrate) from City #3, there is excess volume from City #3.

The allowable volume should be calculated using the same methodology as used to calculate the design volume, but the land use should be converted to 100% turf or pasture in good condition.

COST ALLOCATION

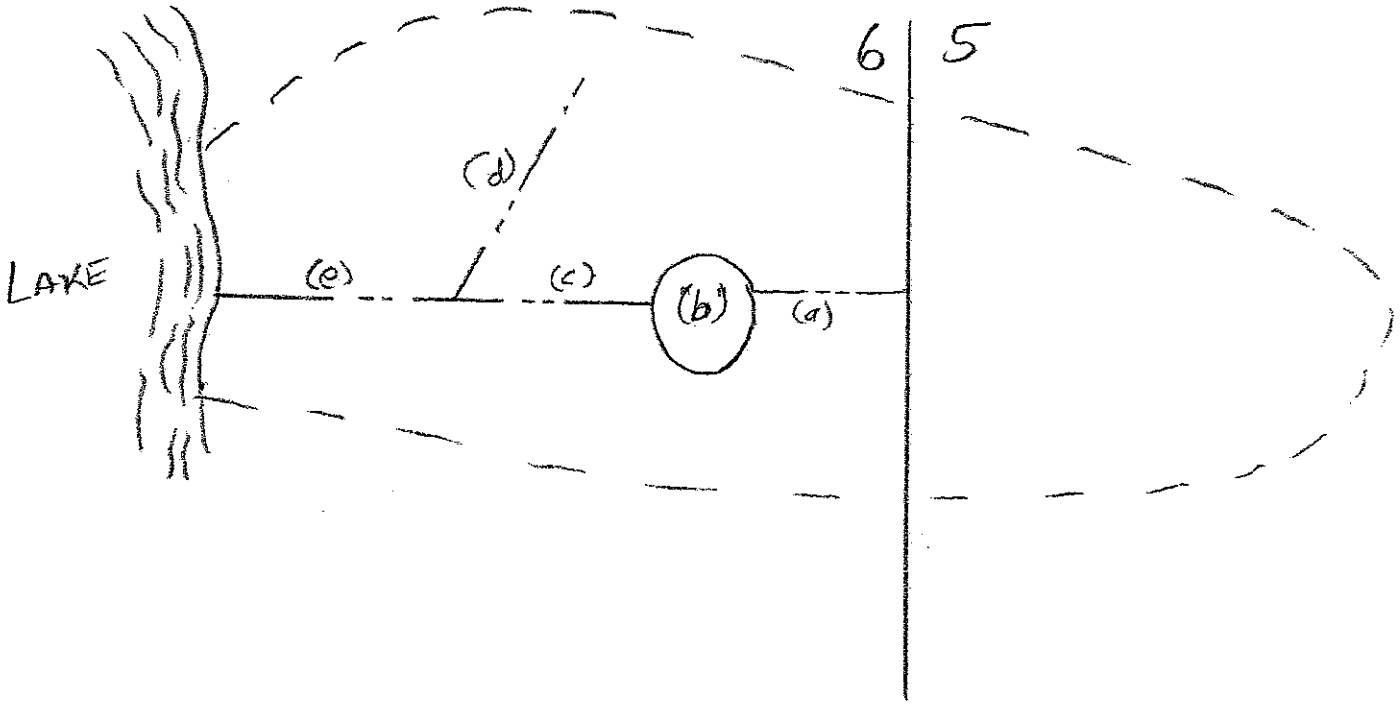
Cost share for Pond "c" expansion.

City #3 cost share : $\frac{V_{E_3}}{V_T}$ x Project Cost for Pond "c" expansion

where V_T = the design increase in storage volume of Pond "c" for the critical storm. Note- this does not include the former design volume of the pond. The former design volume of the pond (before expansion) should be computed as the volume of detention storage below the 'design level' for the former pond, for the Pond "c" expansion design storm at the time of peak for the Pond "c" expansion.

For instance, say former Pond "C" was designed for a 25-year storm, and held 10 AF. But in the 6-hour-100year design storm, the pond would overtop, cause flooding, and the storage at the pond and surrounding area would be 15 AF. Only the 10AF design volume is counted as the "former design volume" for V_T.

Note that for maintenance costs, the City #3 share applies only to the pond expansion, not to maintenance of the whole pond.



EXAMPLE H

Refer to Example E of the Joint Powers Agreement

Assume

Pond "b" reduces outflow to 10% of inflow.

i.e. $\frac{Q_T \text{ (outlet) } 100\text{year}}{\Sigma Q_T \text{ (inlet) } 100\text{year}} = 0.1$

$Q_{E_5\text{-}100}$ = 100-year excess flow from City #5 = 100cfs

$Q_{E_5\text{-}10}$ = 10-year excess flow from City #5 = 70cfs

Then, for segments "c" and "e":

c: 100 year design: $Q_{E_5\text{-}100} = 100 \times .1 = 10$ cfs

e: 10 year design: $Q_{E_5\text{-}10} = 70 \times .1 = 7$ cfs

Assume

$Q_{D_{100}}$ for segment c = 50 cfs

$Q_{D_{10}}$ for segment e = 70 cfs

EXAMPLE H continued

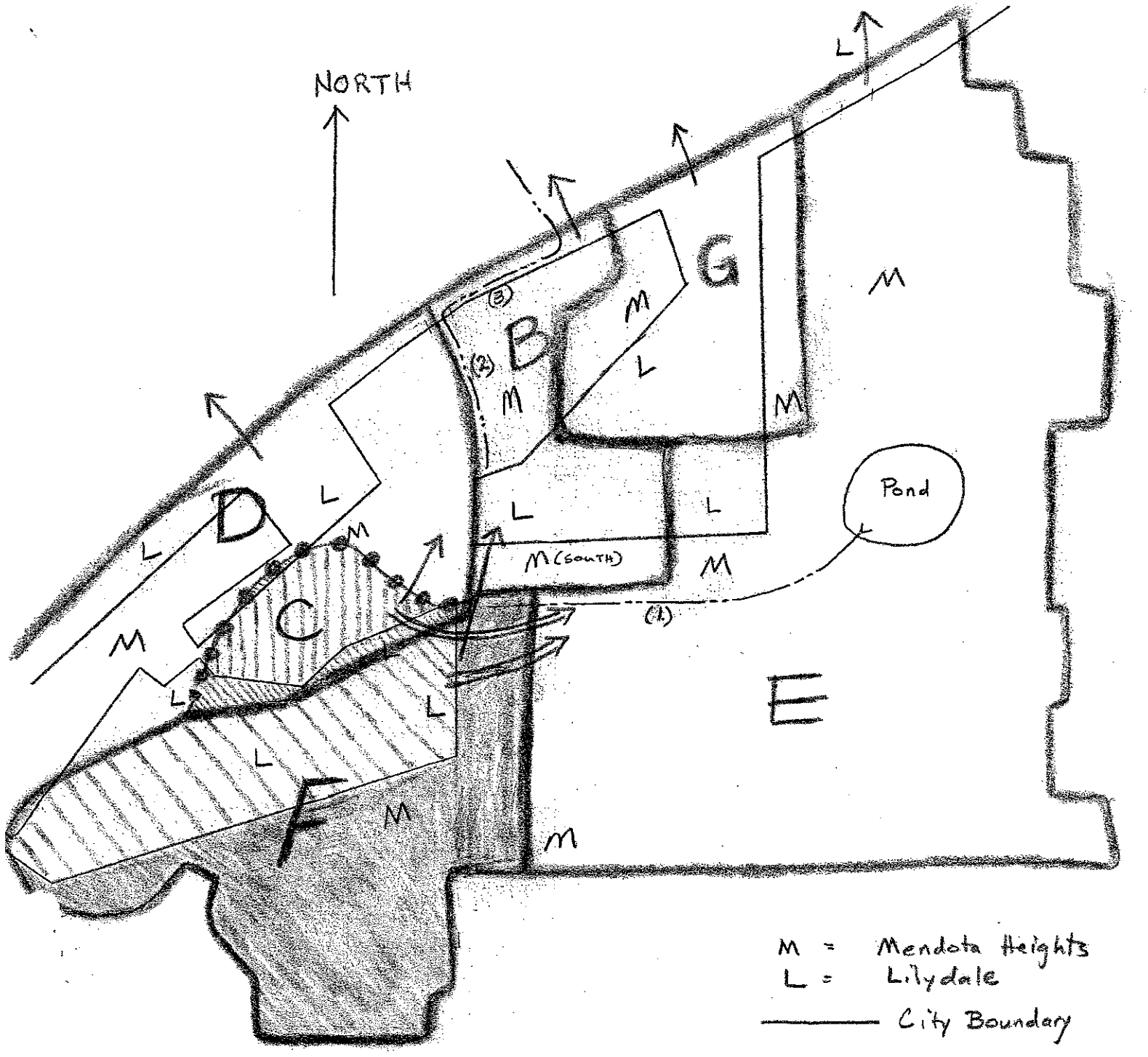
COST ALLOCATION

Segment "c", City #5 cost share = $\frac{10\,cfs}{50\,cfs}$ x Segment "c" Project Cost

= 0.20 x Segment "c" Project Cost

Segment "e", City #5 cost Share = $\frac{7\,cfs}{70\,cfs}$ x Segment "e" Project Cost

= 0.10 x Segment "e" Project Cost



M = Mendota Heights
L = Lilydale

——— City Boundary

Principal Watershed Divide

New Principal Watershed Divide as a result of Diversion

→ Original Flow Pattern

EXAMPLE "I" ⇒ Changed Flow Pattern as a result of Diversion

Portions of Lilydale diverted from B to E

Portions of Lilydale diverted from D to E

Portions of Mendota Heights diverted from B to E

Portions of Mendota Heights diverted from D to E

COST ALLOCATIONS, Segment '(1)' in Watershed E

Segment '(1)' serves Area C and Area F, which have been diverted into Area E. Because this is a diversion, there is no allowable flow attributable to any of Areas C or F diverted into Area E. The cost allocations for Segment '(1)' are in proportion to the flow contributions from the 2 communities from Areas C and F.

Q_{D_1} = design flow for segment '(1)' from Area C plus Area F.

$Q_{D_{1_L}}$ = design flow from Lilydale in Area C plus Area F.

$Q_{D_{1_M}}$ = design flow from Mendota Heights in Area C plus Area F.

$$\text{Lilydale Cost Share} = \frac{Q_{D_{1_L}}}{Q_{D_1}} \times \text{Project Cost for Segment '(1)'}$$

$$\text{Mendota Heights Cost Share} = \frac{Q_{D_{1_M}}}{Q_{D_1}} \times \text{Project Cost for Segment '(1)'}$$

COST ALLOCATIONS, Segment '(2)' in Watershed B

Area F (but not Area C) has been diverted out of Area B and into Area E. The allowable flow from Area F is still counted for cost allocation in Area B and the watersheds downstream of Area B. In addition, portions of both Mendota Heights and Lilydale contribute to Segment '(2)'. Segment '(2)' is considered to be constructed entirely in Mendota Heights.

Q_{D_2} = design flow for segment "2"

$Q_{D_{M_S}}$ = design flow from the portion of Mendota Heights labeled "M (south)" in Area B

Q_{A_L} = allowable flow for Lilydale for segment "2"

Q_{E_L} = excess flow for Lilydale for segment "2"

EXAMPLE "I" continued

$$Q_{E_L} = Q_{D_2} - Q_{D_{M_S}} - Q_{A_L}$$

$$Q_{A_L} = Q_{A_{F_L}} + Q_{A_{B_L}}$$

$Q_{A_{F_L}}$ = allowable flow for that portion of Area F which is Lilydale.

$Q_{A_{B_L}}$ = allowable flow for that portion of Area B which is Lilydale

Assume: $Q_{D_2} = 20$ cfs

$Q_{D_{M_S}} = 6$ cfs

$Q_{A_{F_L}} = 12$ cfs

$Q_{A_{B_L}} = 6$ cfs

$$Q_{E_L} = 20_{cfs} - 6\,cfs - (12\,cfs + 6\,cfs) = -4\,cfs$$

Thus Lilydale has no excess flow in Segment '(2)'.

Lilydale Cost Share = Zero Dollar.

Mendota Heights Cost Share = 100% of Project Cost for Segment '(2)'.

(note - these are assumed values. The analysis of the actual case may lead to other conclusions.)

COST ALLOCATION, Segment '(3)' in Watershed B (and immediately downstream of Watershed B).

This case is similar to the cost allocation for Segment '(2)', except that Mendota Heights has an allowable flow, since segment '(3)' is constructed in Lilydale.

Q_{D_3} = design flow for segment '(3)'.

Q_{D_L} = design flow for the portion of Lilydale in Area B.

Q_{A_M} = allowable flow for Mendota Heights for segment '(3)'.

Q_{E_M} = excess flow for Mendota Heights for segment '(3)'.

EXAMPLE "I" continued

$$Q_{E_m} = Q_{D_3} - Q_{D_L} - Q_{A_m}$$

$$Q_{A_m} = Q_{A_{F_m}} + Q_{A_{B_m}}$$

$Q_{A_{F_m}}$ = allowable flow for that portion of Area F which is Mendota Heights

$Q_{A_{B_m}}$ = allowable flow for that portion of Area B which is Mendota Heights

Assume:

$Q_{D_3} = 40$ cfs

$Q_{D_L} = 14$ cfs

$Q_{A_{F_m}} = 15$ cfs

$Q_{A_{B_m}} = 10$ cfs

Then:

$$Q_{A_m} = 15\text{cfs} + 10\text{cfs} = 25\text{cfs}$$

$$Q_{E_m} = 40\text{cfs} - 14\text{cfs} - 25\text{cfs} = 1\text{cfs}$$

$$\text{Lilydale Cost Share} = \frac{Q_{D_3} - Q_{E_m}}{Q_{D_3}} \times \text{Project Cost for Segment '(3)'}$$

$$= \frac{40-1}{40} \times \text{Cost} = \frac{39}{40} \times \text{Project Cost, Seg. '(3)'}$$

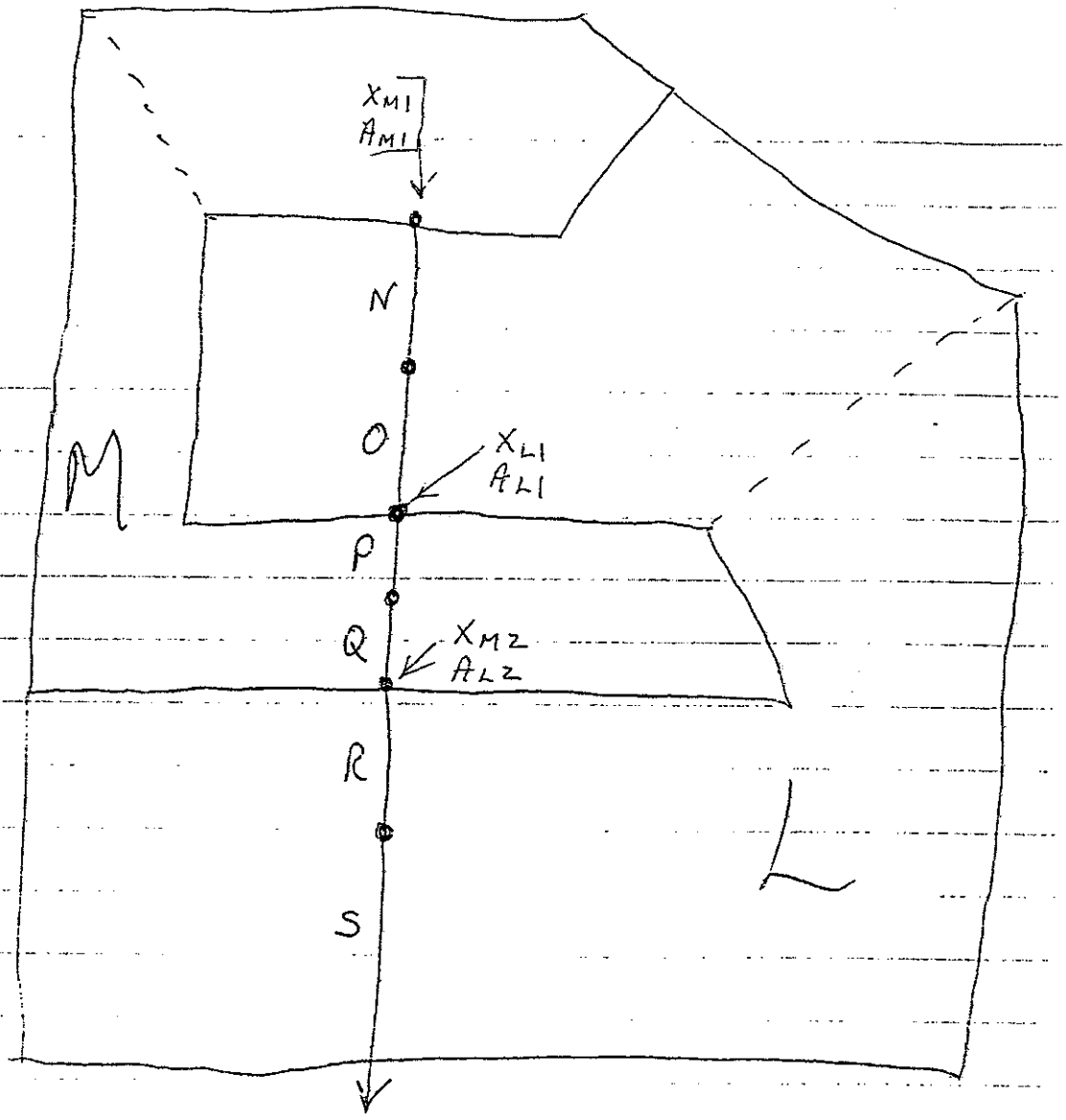
$$\text{Mendota Heights Cost Share} = \frac{Q_{E_m}}{Q_{D_3}} \times \text{Project Cost for Segment '(3)'}$$

$$= \frac{1}{40} \times \text{Project Cost for Segment '(3)'}.$$

(note - these are assumed values. The analysis of the actual case may lead to other conclusions)

The attached sheet, Appendix A, presents cost allocation for the case of no diversion, but flow re-entering communities after it has once left them.

M = COMMUNITY M
L = COMMUNITY L
X = EXCESS FLOW
A = ALLOWABLE FLOW
C = COST
D = DESIGN FLOW



COST SHARES

SECTION N $\quad M_N = C_N\left(\frac{X_{M1}}{D_N}\right) \qquad L_N = C_N\left(\frac{A_{M1}}{D_N}\right)$

SECTION O $\quad M_O = C_O\left(\frac{X_{M1}}{D_O}\right) \qquad L_O = C_O\left(\frac{A_{M1}}{D_O}\right)$

SECTION P $\quad M_P = C_P\left(\frac{D_P - X_{L1}}{D_P}\right) \qquad L_P = C_P\left(\frac{X_{L1}}{D_P}\right)$

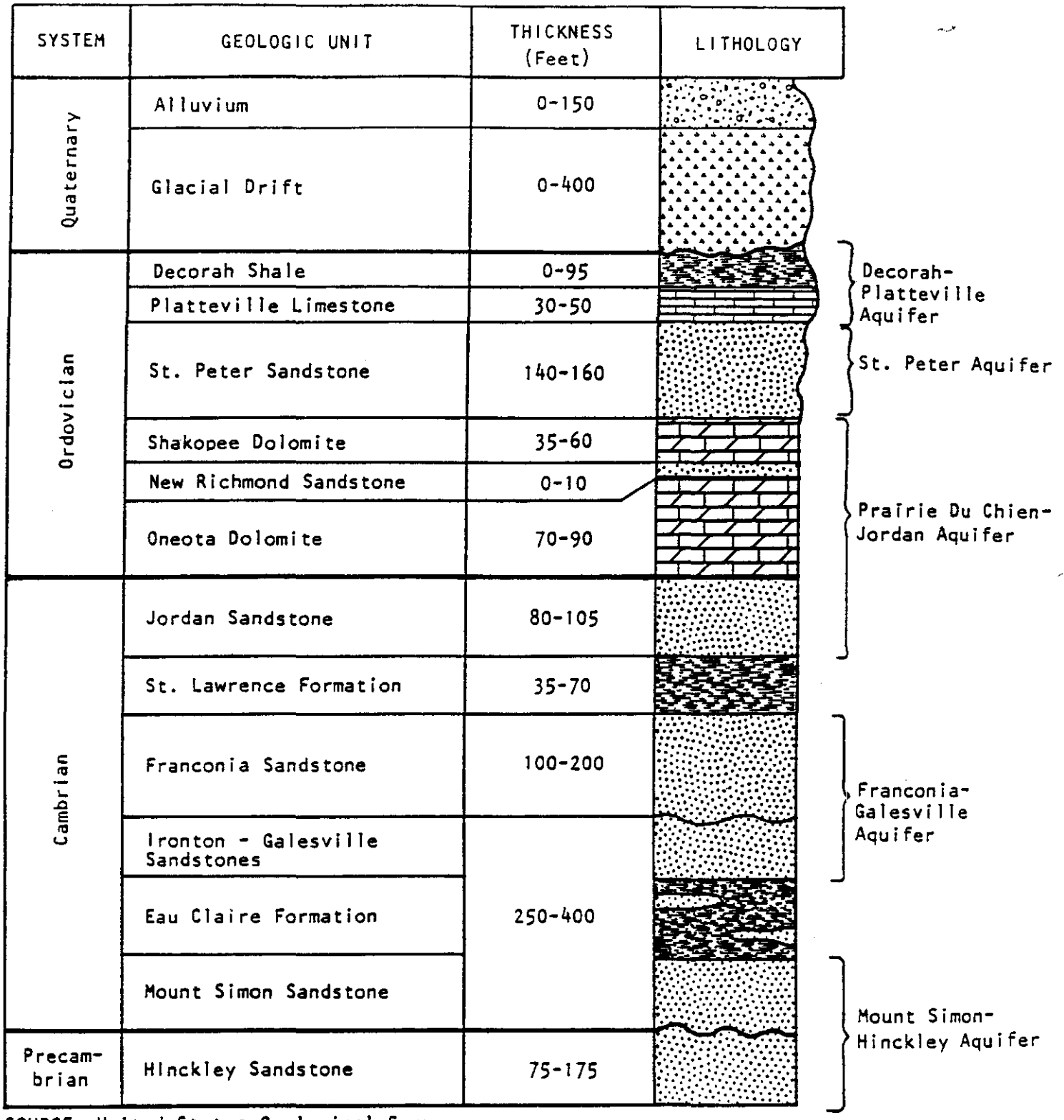
SECTION Q $\quad M_Q = C_Q\left(\frac{D_Q - X_{L1}}{D_Q}\right) \qquad L_Q = C_Q\left(\frac{X_{L1}}{D_Q}\right)$

SECTION R $\quad M_R = C_R\left(\frac{X_{M1} + X_{M2}}{D_R}\right) \qquad L_R = C_R\left(\frac{D_R - X_{M1} - X_{M2}}{D_R}\right)$

SECTION S $\quad M_S = C_S\left(\frac{X_{M1} + X_{M2}}{D_S}\right) \qquad L_S = C_S\left(\frac{D_S - X_{M1} - X_{M2}}{D_S}\right)$

APPENDIX C

GEOLOGIC COLUMN



SOURCE: United States Geological Survey

Figure 2
GEOLOGIC COLUMN

APPENDIX D

WATERBODY CLASSIFICATION INVENTORY FROM THE MPCA (8/23/10)

ID_NoBay	Acres	PWI	Name	**Waterbody Type** (deep lake, shallow lake, wetland, pond)	Notes
19-0079	107	lake	**Pickerel**	shallow lake	11 ft max depth; 100% littoral
19-0080	107	lake	**Rogers**	shallow lake	8 ft max depth; 97% littoral; fish stocked
19-0052	61	lake	**Schmitt**		
19-0050	45	lake	**Sunfish**	deep lake	32 ft max depth (from lake depth map)
19-0046	24	lake	**Dickman**		
19-0042	22	lake	**Marcott**	deep lake	33 ft max depth (from lake depth map)
19-0047	22	lake	**Hornbean**	shallow Lake	waterbody type P
19-0041	20	lake	**Marcott**	deep lake	27 ft max depth; 95% littoral
19-0103	18	lake			
19-0035	17	lake			
19-0049	15	lake	**Unnamed**		
19-0051	14	lake	**Horseshoe**	shallow lake	
19-0034	14	lake	**Unnamed**		
19-0241	13	wetland	**Unnamed**		
19-0039	12	wetland	**Marcott**		
19-0037	11	lake	**Unnamed (Simley)**	shallow lake	17 ft max depth; fish stocked; waterbody type P
19-0038	10	lake	**Unnamed**		
19-0043	9	lake			
19-0102	9	wetland			
19-0053	9	wetland	**Unnamed**		
19-0040	8	wetland	**Marcott**		
19-0296	8	wetland	**Unnamed**		
19-0272	8	wetland			
19-0233	8	wetland			
19-0245	7	wetland	**Unnamed (Gun Club)**		DNR says 4 acres
19-0240	7	wetland			
19-0048	7	wetland	**Thompson**	shallow lake	8 ft max depth
19-0093	6	wetland			
19-0227	6	wetland	**Unnamed**	shallow lake	waterbody type W
19-0084	6	wetland	**Lily**		
19-0295	6	wetland	**Unnamed**		
19-0234	6	wetland	**Unnamed**		
19-0263	5	wetland	**Unnamed**		
19-0228	5	wetland			
19-0281	5	wetland			
19-0243	5	wetland			
19-0096	5	wetland			
19-0232	5	wetland	**Unnamed**		
19-0303	4	wetland			

19-0091	4	lake	**Marthaler Pond**		6 ft max depth
19-0249	4	wetland			
19-0284	4	wetland			
19-0086	4	lake			
19-0267	4	wetland	**Unnamed (IGH City Hall Pond)**		DNR says 13.5 acres; 20% littoral; 17 ft max depth; fish stocked
19-0095	4	wetland	**Unnamed (Seidl)**	shallow lake	waterbody type W
19-0235	4	wetland			
19-0270	4	wetland			
19-0304	3	wetland			
19-0264	3	wetland			
19-0242	3	wetland			
19-0282	3	wetland			
19-0277	3	wetland			
19-0276	3	wetland			
19-0108	3	wetland			
19-0237	3	wetland			
19-0265	3	wetland			
19-0236	3	wetland			
19-0269	3	wetland			
19-0087	3	lake			
19-0297	3	wetland			
19-0229	3	wetland			
19-0310	3	wetland			
19-0260	3	wetland			
19-0279	3	wetland			
19-0231	3	wetland			
19-0305	3	wetland			
19-0244	2	wetland			
19-0306	2	wetland			
19-0238	2	wetland			
19-0101	2	wetland			
19-0088	2	wetland			
19-0287	2	wetland			
19-0268	2	wetland			
19-0089	2	lake			
19-0098	2	wetland			
19-0274	2	wetland			
19-0094	2	wetland			
19-0239	2	wetland			
19-0097	2	wetland			
19-0271	2	wetland			
19-0044	2	not protected			

19-0266	2	wetland			
19-0278	2	wetland			
19-0085	1	wetland	**Mud**		
19-0100	1	wetland			
19-0246	1	wetland			
19-0104	1	wetland			
19-0099	0	wetland			

notes are information from DNR lake finder unless otherwise noted
waterbodies are usually classified as lakes if they are greater than 10 acres

APPENDIX E

WATER QUALITY MONITORING INFORMATION

Sunfish Lake [Sunfish Lake] (19-0050) *City of Sunfish Lake*

Sunfish Lake is located in the City of Sunfish Lake (Dakota County). The lake has a surface area of 49 acres and a maximum depth of 9.8 m (32 ft).

During each sampling event the lake was monitored for total phosphorus (TP), chlorophyll-a (CLA), and total kjeldahl nitrogen (TKN), and Secchi transparency, as well as the lake's perceived physical condition and recreational suitability.

2009 summer (May-September) data summary

Parameter	*Mean*	*Minimum*	*Maximum*	*Grade*
TP (µg/l)	24.6	12.0	36.0	B
CLA (µg/l)	13.3	1.6	43.0	B
Secchi (m)	2.6	1.1	5.5	B
TKN (mg/l)	0.78	0.58	1.00	
			Lake Grade	B

The lake received a lake grade of B for 2009, which is the best lake grade yet received in its limited monitoring history. Additional years of monitoring are suggested for continuing to build the water quality database so as to better understand the lake's water quality and determine potential water quality trends.

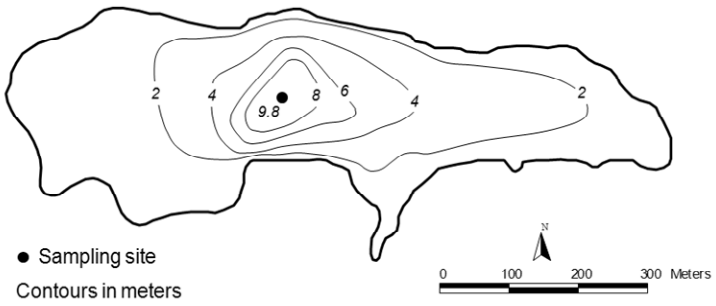
Throughout the monitoring period, the volunteer's opinions of the lake's physical condition and recreational suitability were ranked on a 1-to-5 scale. These user perception rankings are shown on the following page.

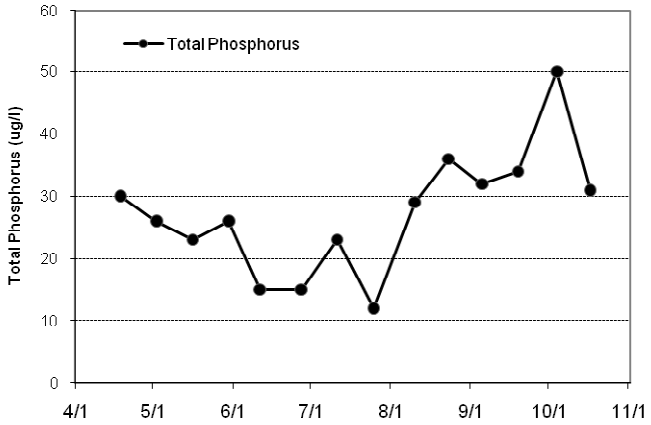
If you notice any errors in the lake's data or physical information, or are aware of any additional or missing information, please contact Brian Johnson of the Metropolitan Council at (651) 602-8743 or brian.johnson@metc.state.mn.us.

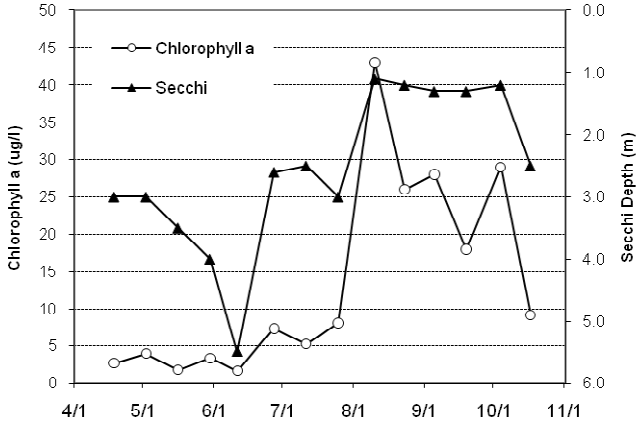
Sunfish Lake

Sunfish Lake, Dakota Co.

Lake ID: 190050-00
WMO: Lower Mississippi River
Volunteer: Dick Bancroft

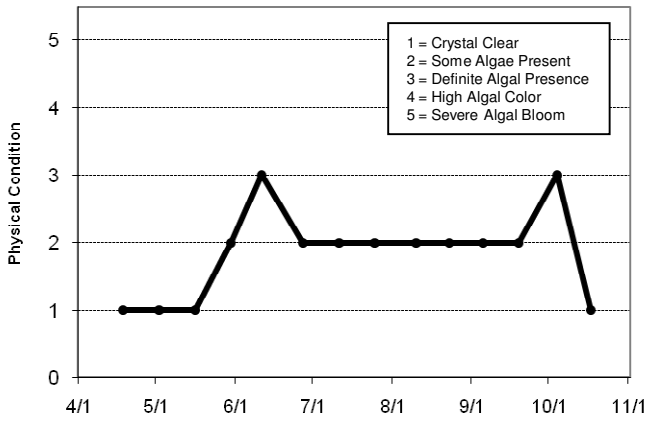






2009 Data

	Surf Tmp	Bot Tmp	Surf DO	Bot DO	CLA	Surf TP	Bot TP	Secchi		
DATE	(ºC)	(ºC)	(mg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(m)	PC	RS
4/18	15.2				2.6	30		3.0	1	1
5/2	16.3				3.9	26		3.0	1	1
5/16	15.5				1.7	23		3.5	1	1
5/30	19.8				3.3	26		4.0	2	1
6/11	18.4				1.6	15		5.5	3	3
6/27	26.2				7.3	15		2.6	2	3
7/11	24.6				5.2	23		2.5	2	3
7/25	23.6				8.1	12		3.0	2	1
8/10	24.9				43	29		1.1	2	1
8/23	22.6				26	36		1.2	2	1
9/5	22.7				28	32		1.3	2	1
9/19	24.1				18	34		1.3	2	1
10/4	12.7				29	50		1.2	3	1
10/17	8.6				9.2	31		2.5	1	1

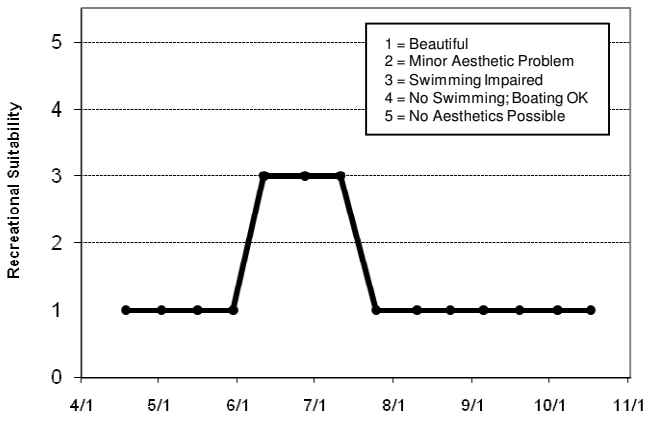


Lake Water Quality Grades Based on Summertime Averages

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total Phosphorus												
Chlorophyll a												
Secchi Depth					C	C	C					C
Lake Grade												

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total Phosphorus												
Chlorophyll a												
Secchi Depth												
Lake Grade												

Year	2004	2005	2006	2007	2008	2009
Total Phosphorus			C	C	C	B
Chlorophyll a			C	C	C	B
Secchi Depth			D	C	C	B
Lake Grade			**C**	**C**	**C**	**B**



Source: Metropolitan Council and STORET data

Connection Failure

Physical Information

Name: Sunfish
DNR Lake ID number: 19-0050
County: DAKOTA
Location from nearest town: AT SUNFISH LAKE (TOWN)
Ecoregion: NCHF
Basin: UM
Hydrologic Unit Code: 7010206
Surface Area: 45.077 (acres)
Maximum depth: 32 (feet)
Water Body Type: P

Latitude/Longitude: 44.87611111/-93.09777778
UTMx/UTMy: 492282/4969189

Lake Water Quality Assessment

This summary is based on available summer (June through September) data in STORET (STOF the national water quality data repository developed by the United States Environmental Protec Agency. All water quality data collected by MPCA or received from external groups is placed in STORET.) collected between 1999 and 2008.

Data Quality: excellent
Aquatic Recreation Use Support: Non-supporting Lakes are worse than (exceed) the aquatic recrea support thresholds with sufficient data to make an assessment for aquatic recreation use (at least 10 T Chl-a, and 10 Secchi). These lakes appear on the 303(d) Impaired Waters List.

Lake Water Quality Data Summary

Total Phosphorus Mean: 48.84615385 ppb (parts per billion)
Total Phosphorus Standard Error: 4.588511509 ppb
Total Phosphorus # of Observations: 26

Chlorophyll-a Mean: 31.52093023 ppb
Chlorophyll-a Standard Error: 3.437155392 ppb
Chlorophyll-a # of Observations: 43

Secchi Disk Mean: 1.296153846 meters
Secchi Disk Standard Error: 0.153771136 meters
Secchi Disk # of Observations: 26
www.pca.state.mn.us/water/clmp.html

Alkalinity Mean: ppm (parts per million)
Color Mean: Platinum-cobalt Units
Carlson Trophic Status for Total Phosphorus: 60.22470275
Carlson Trophic Status for Chlorophyll-a: 64.45089393
Carlson Trophic Status for Secchi Disk: 56.26202728
Overall Trophic Status: E
(O=oligotrophic, M=mesotrophic, E=eutrophic, H=hypereutrophic)

See the Difference! **Oligotrophic** vs. **Hypereutrophic**

Watch how lakes change over the summer.

Compare this lake to reference lakes or all assessed lakes.

Transparency *Chlorophyll-a* *Total Phosphorus*

Horseshoe Lake [Sunfish Lake] (19-0051) *City of Sunfish Lake*

Horseshoe Lake is an approximate 16-acre lake located within the City of Sunfish Lake (Dakota County). There is very little morphological information available for the lake.

On each sampling day the lake was monitored for total phosphorus (TP), chlorophyll-a (CLA), total kjeldahl nitrogen (TKN), and Secchi transparency, as well as the lake's perceived physical condition and recreational suitability. The resulting data and graphs appear on the next page.

2009 summer (May-September) data summary

Parameter	*Mean*	*Minimum*	*Maximum*	*Grade*
TP (µg/l)	25.6	16.0	42.0	B
CLA (µg/l)	4.5	2.7	10.0	A
Secchi (m)	2.3	2.0	3.2	B*
TKN (mg/l)	0.69	0.55	0.88	
			Lake Grade	B

* see discussion below

The lake's 2009 lake water quality grade was a B, which was similar to last year's lake grade. However, the water clarity was better than the Secchi depth data would suggest since most of the measurements were made with the Secchi disk visible on the lake bottom. Therefore the Secchi depth mean and grade given above underestimate the actual water clarity. To better understand the lake's water quality and where it may be heading, additional years of data collection are needed.

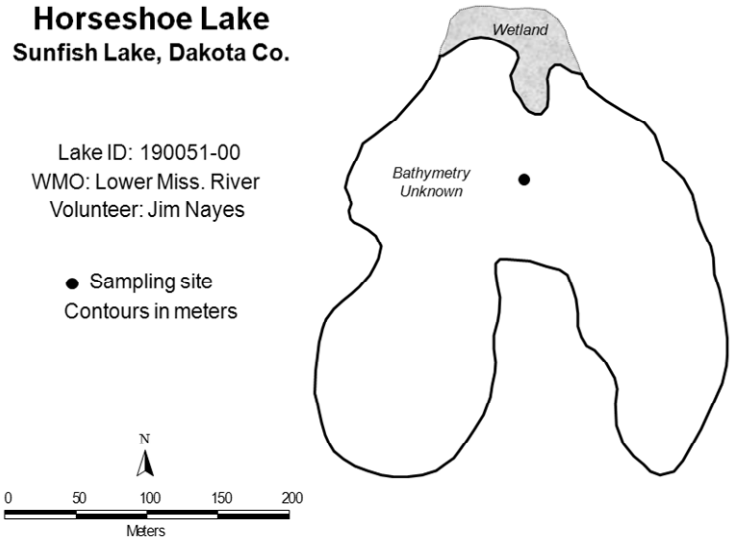
Throughout the monitoring period, the volunteer's opinions of the lake's physical condition and recreational suitability were ranked on a 1-to-5 scale. These user perception rankings are shown on the following page.

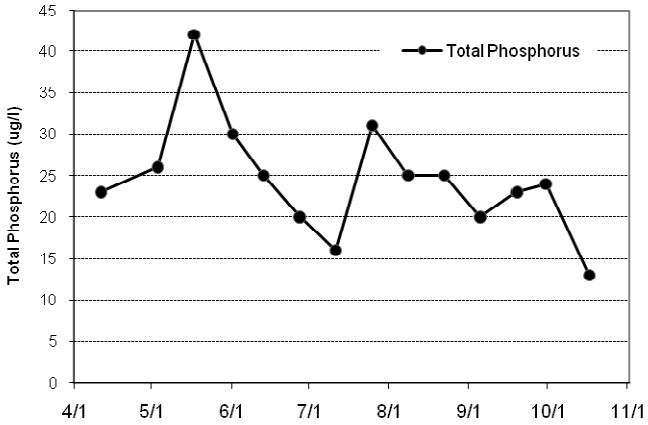
If you notice any errors in the lake's data or physical information, or are aware of any additional or missing information, please contact Brian Johnson of the Metropolitan Council at (651) 602-8743 or brian.johnson@metc.state.mn.us.

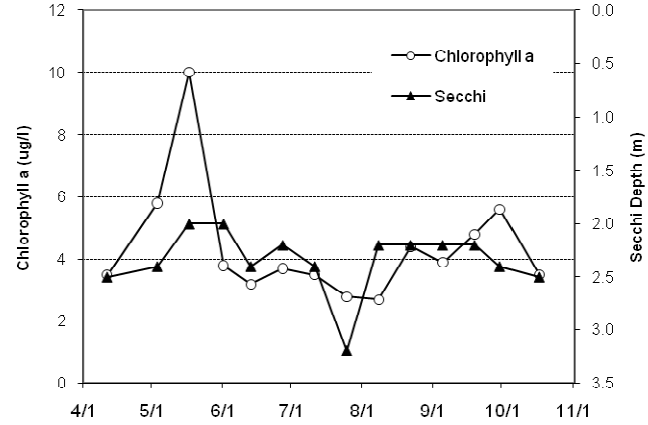
Horseshoe Lake
Sunfish Lake, Dakota Co.

Lake ID: 190051-00
WMO: Lower Miss. River
Volunteer: Jim Nayes

● Sampling site
Contours in meters

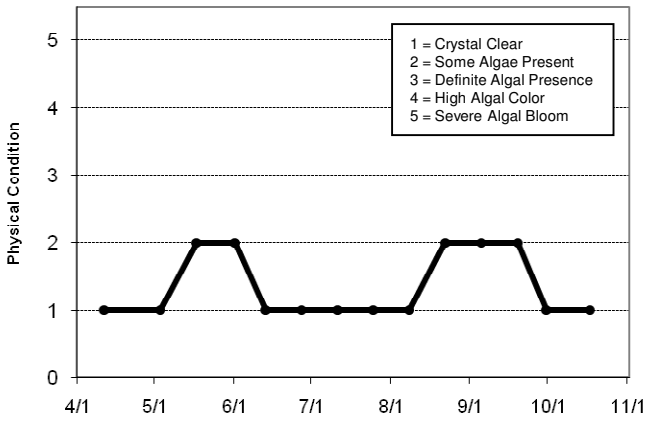






2009 Data

	Surf Tmp	Bot Tmp	Surf DO	Bot DO	CLA	Surf TP	Bot TP	Secchi		
DATE	(ºC)	(ºC)	(mg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(m)	PC	RS
4/11	10.3				3.5	23		2.5	1	1
5/3	16.7				5.8	26		2.4	1	1
5/17	18.7				10	42		2.0	2	1
6/1	20.4				3.8	30		2.0	2	1
6/13	18.6				3.2	25		2.4	1	1
6/27	27.6				3.7	20		2.2	1	1
7/11	25.2				3.5	16		2.4	1	1
7/25	24.5				2.8	31		3.2	1	1
8/8	24				2.7	25		2.2	1	1
8/22	22				4.4	25		2.2	2	1
9/5	24.4				3.9	20		2.2	2	1
9/19	23.7				4.8	23		2.2	2	1
9/30	14.7				5.6	24		2.4	1	1
10/17	8.1				3.5	13		2.5	1	1

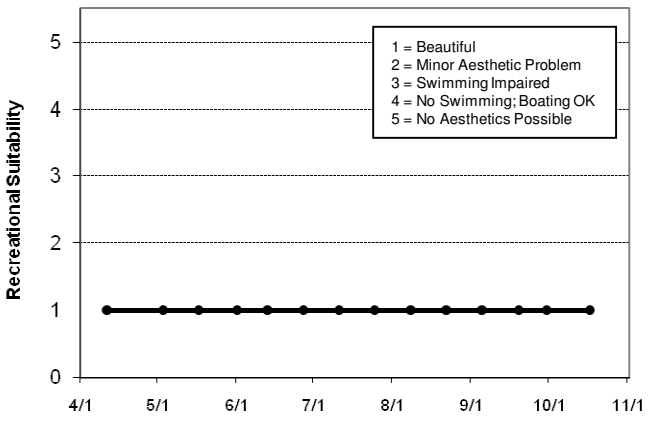


Lake Water Quality Grades Based on Summertime Averages

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total Phosphorus												
Chlorophyll a												
Secchi Depth												
Lake Grade												

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total Phosphorus												
Chlorophyll a												
Secchi Depth												
Lake Grade												

Year	2004	2005	2006	2007	2008	2009
Total Phosphorus			C	C	A	B
Chlorophyll a			A	A	A	A
Secchi Depth			C	C	C	B
Lake Grade			**B**	**B**	**B**	**B**



Source: Metropolitan Council and STORET data

Minnesota Pollution Control Agency

Connection Failure

Physical Information

Name: Horseshoe
DNR Lake ID number: 19-0051
County: DAKOTA
Location from nearest town: IN SUNFISH LAKE
Ecoregion: NCHF
Basin: LM
Hydrologic Unit Code: 7040001
Surface Area: 14.269 (acres)
Water Body Type:

Latitude/Longitude: 44.86357/-93.08663
UTMx/UTMy: /

Lake Water Quality Assessment

This summary is based on available summer (June through September) data in STORET (STOR the national water quality data repository developed by the United States Environmental Protec Agency. All water quality data collected by MPCA or received from external groups is placed in STORET.) collected between 1999 and 2008.

Data Quality: excellent
Aquatic Recreation Use Support: Fully Supporting Lakes are better than the aquatic recreation use thresholds with sufficient data to make an assessment. These lakes are considered to be assessed fo recreation and fully supporting by the MPCA.

Lake Water Quality Data Summary

Total Phosphorus Mean: 37.8 ppb (parts per billion)
Total Phosphorus Standard Error: 5.986651819 ppb
Total Phosphorus # of Observations: 20

Chlorophyll-a Mean: 4.060606061 ppb
Chlorophyll-a Standard Error: 1.133753315 ppb
Chlorophyll-a # of Observations: 33

Secchi Disk Mean: 1.805 meters
Secchi Disk Standard Error: 0.075210232 meters
Secchi Disk # of Observations: 20
www.pca.state.mn.us/water/clmp.html

Alkalinity Mean: ppm (parts per million)
Color Mean: Platinum-cobalt Units
Carlson Trophic Status for Total Phosphorus: 56.52789726
Carlson Trophic Status for Chlorophyll-a: 44.34706926
Carlson Trophic Status for Secchi Disk: 51.49002187
Overall Trophic Status: E
(O=oligotrophic, M=mesotrophic, E=eutrophic, H=hypereutrophic)

See the Difference! **Oligotrophic** vs. **Hypereutrophic**

Watch how lakes change over the summer.

Compare this lake to reference lakes or all assessed lakes.

Transparency *Chlorophyll-a* *Total Phosphorus*

Hornbean Lake (19-0047) *City of Sunfish Lake*

Hornbean Lake is located within the City of Sunfish Lake (Dakota County), and has an area of approximately 22-acres. There is very little morphological information available for the lake.

On each sampling day the lake was monitored for total phosphorus (TP), chlorophyll-a (CLA), total kjeldahl nitrogen (TKN), and Secchi transparency, as well as the lake's perceived physical condition and recreational suitability. The resulting data are summarized in the tables and figures on the next page.

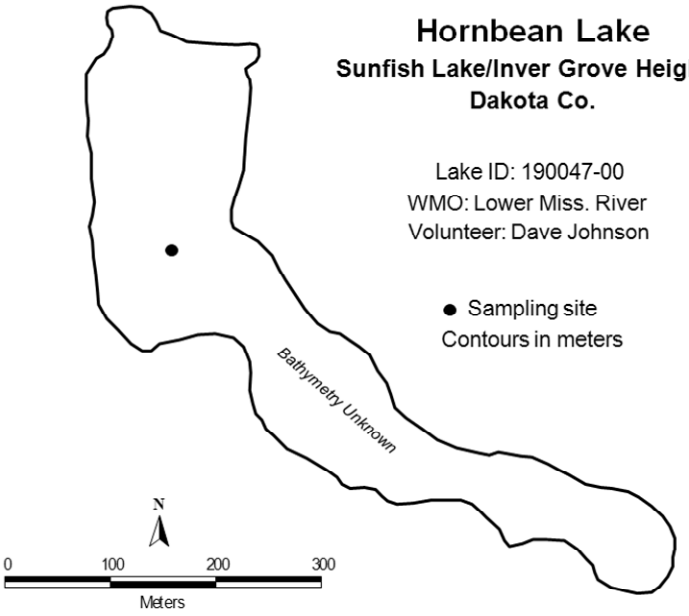
2009 summer (May-September) data summary

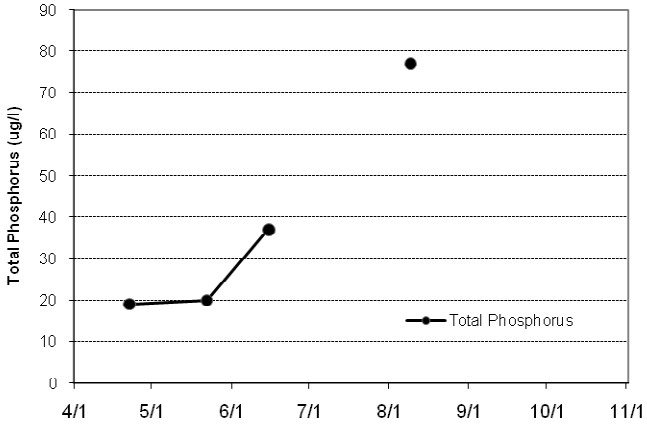
Parameter	*Mean*	*Minimum*	*Maximum*	*Grade*
TP (µg/l)	44.7	20.0	77.0	N/A
CLA (µg/l)	20.2	4.5	36.0	N/A
Secchi (m)	1.7	0.8	2.7	N/A
TKN (mg/l)	1.49	0.96	1.80	
			Lake Grade	N/A

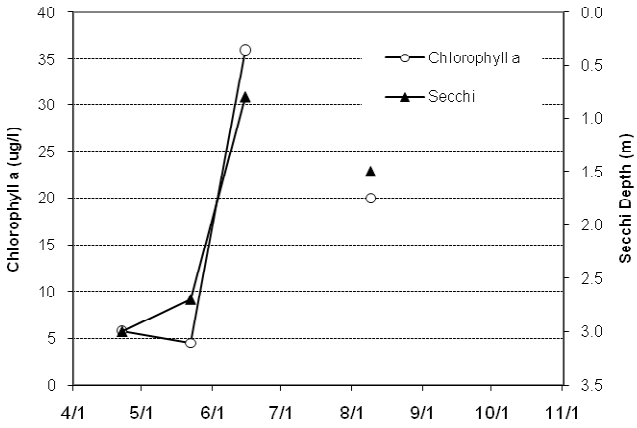
There was an insufficient quantity of data to calculate grades for the lake in 2009. At least 5 monitoring events during the summer-time period (May – September) are needed. To better understand the lake's water quality and where it may be heading, additional years of data collection are needed.

Throughout the monitoring period, the volunteer's opinions of the lake's physical condition and recreational suitability were ranked on a 1-to-5 scale. These user perception rankings are shown on the following page.

If you notice any errors in the lake's data or physical information, or are aware of any additional or missing information, please contact Brian Johnson of the Metropolitan Council at (651) 602-8743 or brian.johnson@metc.state.mn.us.

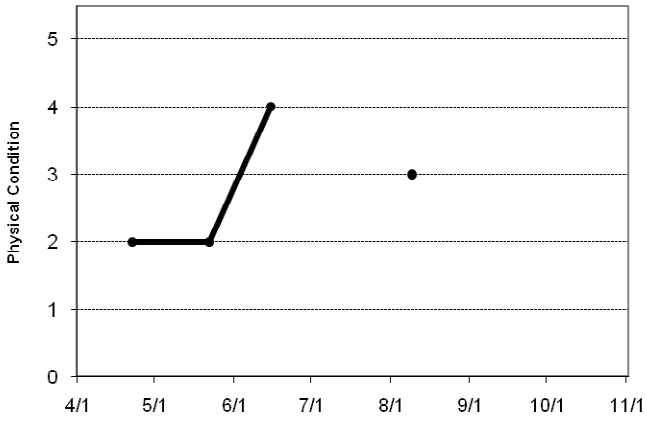






2009 Data

DATE	Surf Tmp (ºC)	Bot Tmp (ºC)	Surf DO (mg/L)	Bot DO (mg/L)	CLA (µg/L)	Surf TP (µg/L)	Bot TP (µg/L)	Secchi (m)	PC	RS
4/22	13.2				5.8	19		3.0	2	2
5/22	21.3				4.5	20		2.7	2	2
6/15	24.8				36	37		0.8	4	3
8/9	25.1				20	77		1.5	3	3

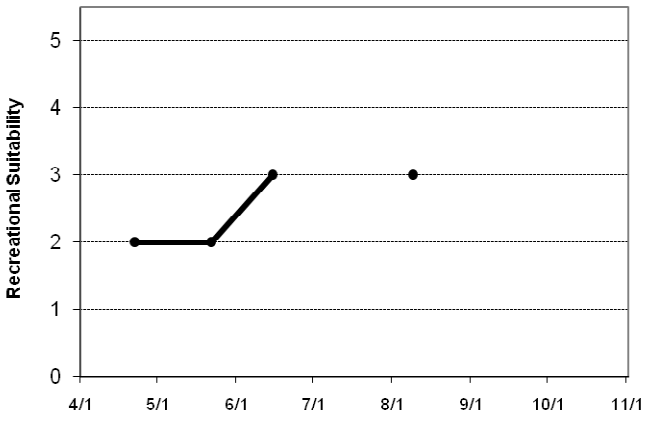


Lake Water Quality Grades Based on Summertime Averages

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total Phosphorus												
Chlorophyll a												
Secchi Depth												
Lake Grade												

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total Phosphorus												
Chlorophyll a												
Secchi Depth												
Lake Grade												

Year	2004	2005	2006	2007	2008	2009
Total Phosphorus			C	C	C	
Chlorophyll a			B	C	A	
Secchi Depth			C	C	B	
Lake Grade			**C**	**C**	**B**	**NA**



Source: Metropolitan Council and STORET data

Minnesota Pollution Control Agency

Connection Failure

Physical Information

Name: Hornbean
DNR Lake ID number: 19-0047
County: DAKOTA
Location from nearest town:
Ecoregion: NCHF
Basin: UM
Hydrologic Unit Code: 7010206
Surface Area: 22.039 (acres)
Maximum depth: 0 (feet)
Water Body Type: P

Latitude/Longitude: 44.86377544/-93.10380495
UTMx/UTMy: /

Lake Water Quality Assessment

This summary is based on available summer (June through September) data in STORET (STOF the national water quality data repository developed by the United States Environmental Protec Agency. All water quality data collected by MPCA or received from external groups is placed in STORET.) collected between 1999 and 2008.

Data Quality: excellent
Aquatic Recreation Use Support:

Lake Water Quality Data Summary

Total Phosphorus Mean: 56.55555556 ppb (parts per billion)
Total Phosphorus Standard Error: 5.610577209 ppb
Total Phosphorus # of Observations: 18

Chlorophyll-a Mean: 22.40714286 ppb
Chlorophyll-a Standard Error: 5.016346107 ppb
Chlorophyll-a # of Observations: 28

Secchi Disk Mean: 1.494444444 meters
Secchi Disk Standard Error: 0.181761933 meters
Secchi Disk # of Observations: 18
www.pca.state.mn.us/water/clmp.html

Alkalinity Mean: ppm (parts per million)

Color Mean: Platinum-cobalt Units
Carlson Trophic Status for Total Phosphorus: 62.33792199
Carlson Trophic Status for Chlorophyll-a: 61.1030157
Carlson Trophic Status for Secchi Disk: 54.21071724
Overall Trophic Status: E
(O=oligotrophic, M=mesotrophic, E=eutrophic, H=hypereutrophic)

See the Difference! **Oligotrophic** vs. **Hypereutrophic**

Watch how lakes change over the summer.

Compare this lake to reference lakes or all assessed lakes.

Transparency *Chlorophyll-a* *Total Phosphorus*

Seidl's Lake (19-0095) Cities of *Inver Grove Heights and South St. Paul*

Seidl's Lake is a 14-acre lake located in the City of Inver Grove Heights (Dakota County) which receives inflow from five inlets. The maximum depth of the lake is approximately 5.0 m (17 feet). There are little known morphological data available.

On each sampling day the lake was monitored for total phosphorus (TP), chlorophyll-a (CLA), total kjeldahl nitrogen (TKN), and secchi transparency, as well as the lake's perceived physical condition and recreational suitability. The resulting data are summarized in tables and figures on the following page.

2009 summer (May-September) data summary

Parameter	*Mean*	*Minimum*	*Maximum*	*Grade*
TP (µg/l)	50.0	48.0	52.0	N/A
CLA (µg/l)	17.0	17.0	17.0	N/A
Secchi (m)	1.0	1.0	1.0	N/A
TKN (mg/l)	1.65	1.60	1.70	
			Lake Grade	N/A

No lake grade or parameter grades were issued this year because of too few monitoring events. At least 5 monitoring events during the summer-time period are required to determine grades.

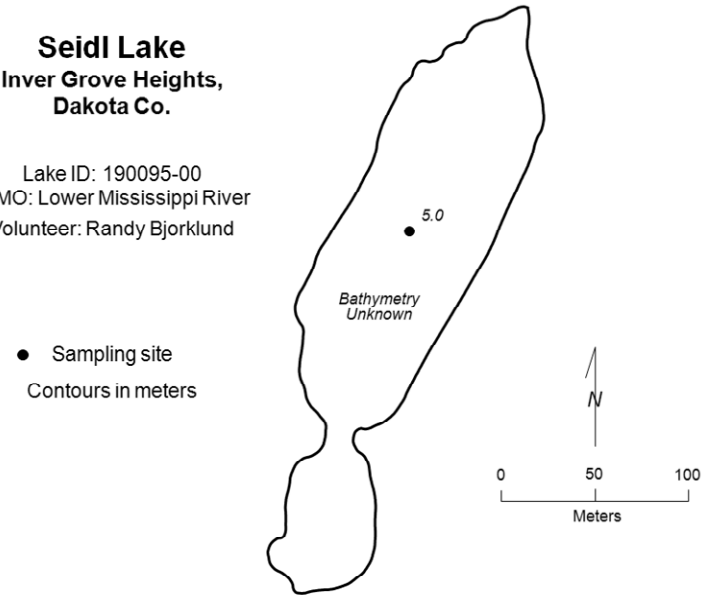
Throughout the monitoring period, the volunteer's opinions of the lake's physical condition and recreational suitability were ranked on a 1-to-5 scale. These user perception rankings are shown on the following page.

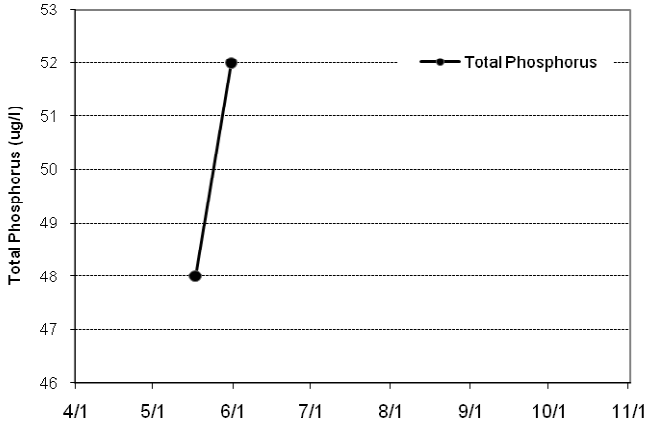
If you notice any errors in the lake's data or physical information, or are aware of any additional or missing information, please contact Brian Johnson of the Metropolitan Council at (651) 602-8743 or brian.johnson@metc.state.mn.us.

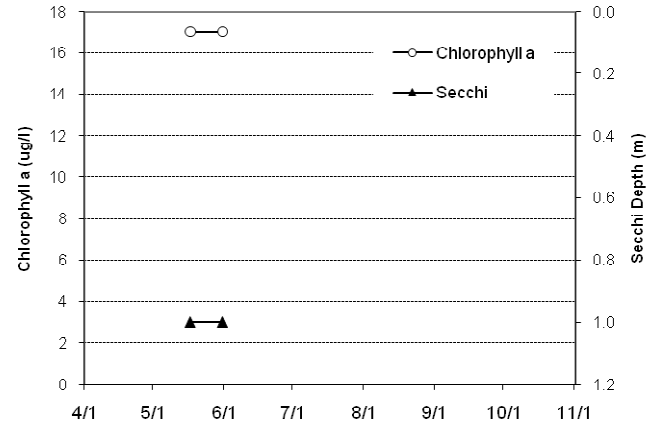
Seidl Lake

Inver Grove Heights, Dakota Co.

Lake ID: 190095-00
WMO: Lower Mississippi River
Volunteer: Randy Bjorklund

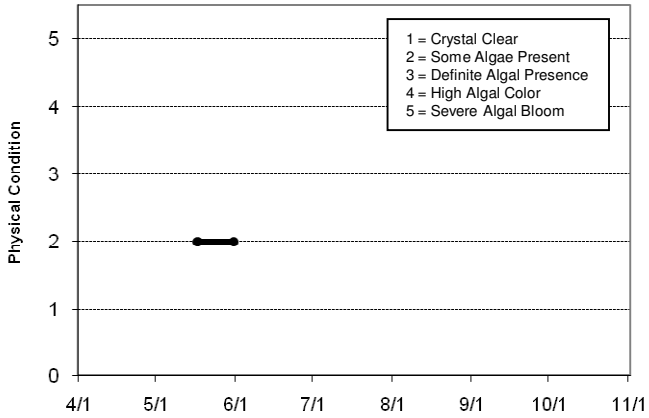






2009 Data

DATE	Surf Tmp (ºC)	Bot Tmp (ºC)	Surf DO (mg/L)	Bot DO (mg/L)	CLA (µg/L)	Surf TP (µg/L)	Bot TP (µg/L)	Secchi (m)	PC	RS
5/17	21.5				17	48		1.0	2	4
5/31	22.9				17	52		1.0	2	4



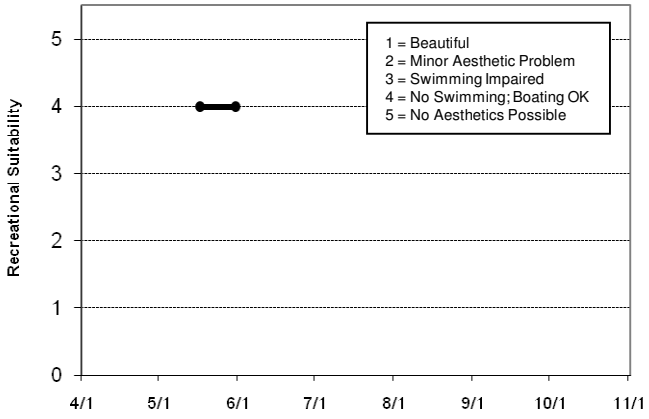
Lake Water Quality Grades Based on Summertime Averages

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total Phosphorus												C
Chlorophyll a												C
Secchi Depth												D
Lake Grade												**C**

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total Phosphorus				C	C	C	C	D	C	C	D	C
Chlorophyll a				A	B	B	C	C	C	C	C	B
Secchi Depth		D	D	B	B	C	D	D	C	C	D	D
Lake Grade				**B**	**B**	**C**	**C**	**D**	**C**	**C**	**D**	**C**

Year	2004	2005	2006	2007	2008	2009
Total Phosphorus	D	C	D	D		
Chlorophyll a	B	C	C	C		
Secchi Depth	C	D	F	F		
Lake Grade	**C**	**C**	**D**	**D**		**NA**

Source: Metropolitan Council and STORET data



Minnesota Pollution Control Agency

Connection Failure

Physical Information

Name: Unnamed (Seidl)
DNR Lake ID number: 19-0095
County: DAKOTA
Location from nearest town: IN SOUTH ST. PAUL
Ecoregion: NCHF
Basin: UM
Hydrologic Unit Code: 7010206
Surface Area: 3.633 (acres)
Maximum depth: 0 (feet)
Water Body Type: W

Latitude/Longitude: 44.88555556/-93.05327778
UTMx/UTMy: 495793/4970235

Lake Water Quality Assessment

This summary is based on available summer (June through September) data in STORET (STOR the national water quality data repository developed by the United States Environmental Protec Agency. All water quality data collected by MPCA or received from external groups is placed in STORET.) collected between 1999 and 2008.

Data Quality: excellent
Aquatic Recreation Use Support:

Lake Water Quality Data Summary

Total Phosphorus Mean: 72.97727273 ppb (parts per billion)
Total Phosphorus Standard Error: 5.976414715 ppb
Total Phosphorus # of Observations: 66

Chlorophyll-a Mean: 28.14070796 ppb
Chlorophyll-a Standard Error: 1.890183837 ppb
Chlorophyll-a # of Observations: 113

Secchi Disk Mean: 0.998797468 meters
Secchi Disk Standard Error: 0.053705988 meters
Secchi Disk # of Observations: 79
www.pca.state.mn.us/water/clmp.html

Alkalinity Mean: ppm (parts per million)

Color Mean: Platinum-cobalt Units
Carlson Trophic Status for Total Phosphorus: 66.01393503
Carlson Trophic Status for Chlorophyll-a: 63.33810083
Carlson Trophic Status for Secchi Disk: 60.01733891
Overall Trophic Status: E
(O=oligotrophic, M=mesotrophic, E=eutrophic, H=hypereutrophic)

See the Difference! **Oligotrophic** vs. **Hypereutrophic**

Watch how lakes change over the summer.

Compare this lake to reference lakes or all assessed lakes.

Transparency *Chlorophyll-a* *Total Phosphorus*

Rogers Lake (19-0080) – *Lower Mississippi River Watershed Management Organization*

Rogers Lake lies within the City of Mendota Heights. The lake has a surface area of 94 acres and a maximum depth of 2.4 m (7.9 ft). The entire area of the lake is considered littoral zone which is the 0-15 feet depth zone of aquatic plant dominance. Furthermore, the lake does not maintain a thermocline, which is a density gradient caused by changing water temperatures throughout the water column.

On each sampling day the lake was monitored for total phosphorus (TP), chlorophyll-a (CLA), total kjeldahl nitrogen (TKN), and secchi transparency, as well as the lake's perceived physical condition and recreational suitability. The resulting data are summarized in tables and figures on the following page.

2009 summer (May-September) data summary

Parameter	*Mean*	*Minimum*	*Maximum*	*Grade*
TP (µg/l)	39.9	28.0	68.0	C
CLA (µg/l)	8.5	4.2	12.0	A
Secchi (m)	1.3	1.0	1.5	C
TKN (mg/l)	1.32	0.86	1.90	
			Lake Grade	B

The lake received a lake grade of B for 2009. Additional years of monitoring are suggested for continuing to build the water quality database so as to better understand the lake's water quality and determine potential water quality trends.

The water clarity grade of C does not correlate well with the chlorophyll-a grade of A. A possible explanation may be that the water clarity may be affected by higher levels of total suspended solids from surface runoff from the surrounding urbanized watershed. It is possible for higher suspend solids loadings to decrease water clarity which would decrease light penetration thereby inhibiting algal growth.

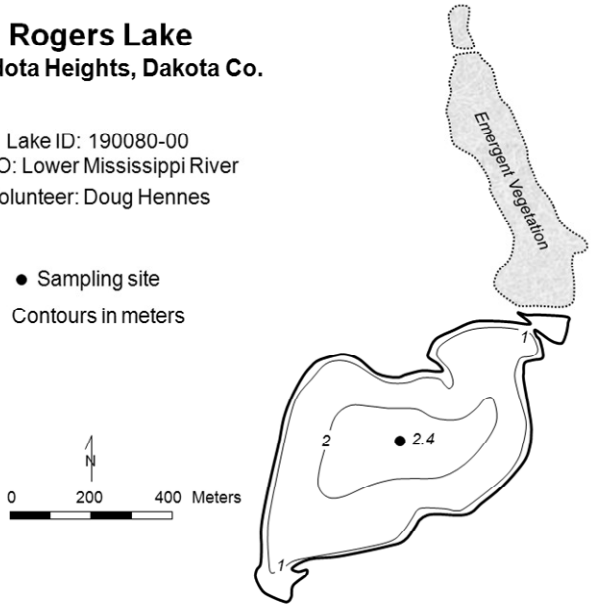
Throughout the monitoring period, the volunteer's opinions of the lake's physical condition and recreational suitability were ranked on a 1-to-5 scale. These user perception rankings are shown on the following page.

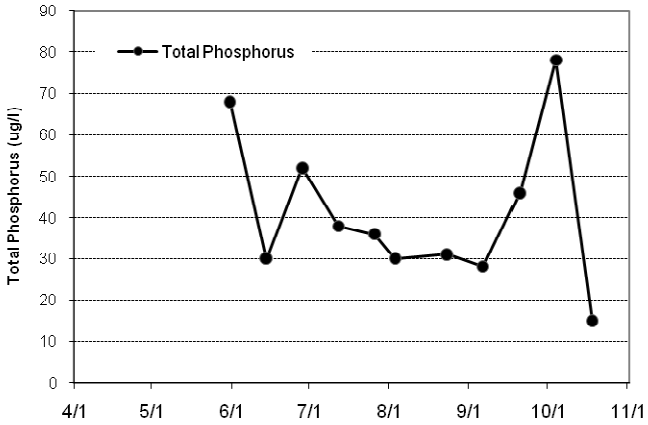
The Fisheries Section of the Minnesota Department of Natural Resources (MDNR) has conducted a fisheries survey on the lake. Information on the survey can be obtained through the MDNR Fisheries Section by calling (651) 259-5831 or by downloading the information off the Internet at http://www.dnr.state.mn.us/lakefind/.

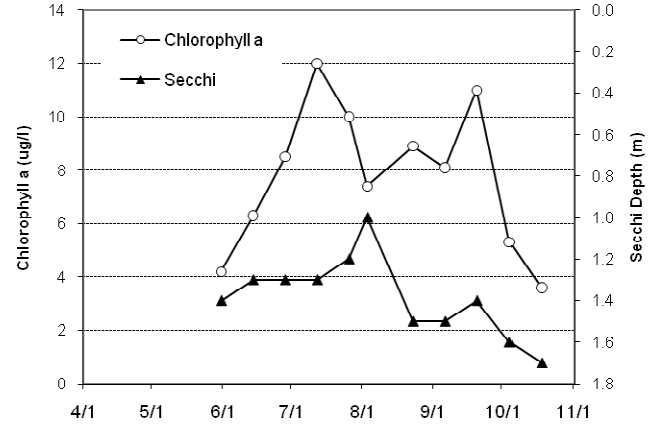
If you notice any errors in the lake's data or physical information, or are aware of any additional or missing information, please contact Brian Johnson of the Metropolitan Council at (651) 602-8743 or brian.johnson@metc.state.mn.us.

Rogers Lake
Mendota Heights, Dakota Co.

Lake ID: 190080-00
WMO: Lower Mississippi River
Volunteer: Doug Hennes

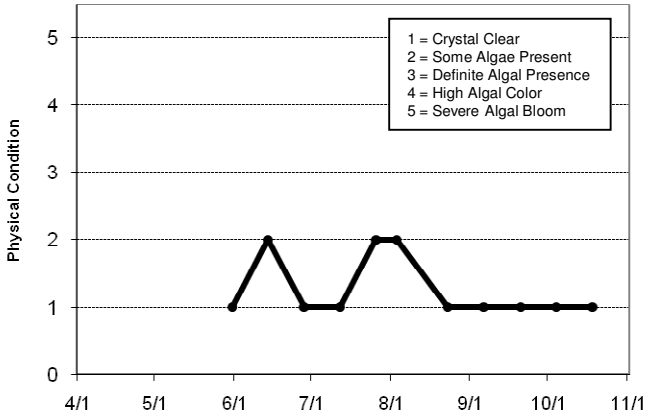






2009 Data

	Surf Tmp	Bot Tmp	Surf DO	Bot DO	CLA	Surf TP	Bot TP	Secchi		
DATE	(ºC)	(ºC)	(mg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(m)	PC	RS
5/31	18.9				4.2	68		1.4	1	1
6/14	23.9				6.3	30		1.3	2	2
6/28	24.6				8.5	52		1.3	1	1
7/12	26.8				12	38		1.3	1	1
7/26	24.5				10	36		1.2	2	1
8/3	24.3				7.4	30		1.0	2	1
8/23	23.5				8.9	31		1.5	1	2
9/6	24.2				8.1	28		1.5	1	1
9/20	23.9				11	46		1.4	1	1
10/4	12.1				5.3	78		1.6	1	1
10/18	9				3.6	15		1.7	1	1

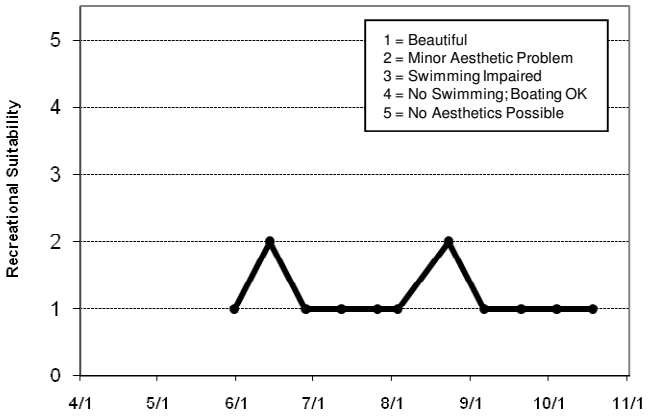


Lake Water Quality Grades Based on Summertime Averages

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total Phosphorus												
Chlorophyll a												
Secchi Depth												
Lake Grade												

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total Phosphorus												
Chlorophyll a												
Secchi Depth												
Lake Grade												

Year	2004	2005	2006	2007	2008	2009
Total Phosphorus				C	B	C
Chlorophyll a				A	A	A
Secchi Depth				D	C	C
Lake Grade				**C**	**B**	**B**



Source: Metropolitan Council and STORET data

Minnesota Pollution Control Agency

Connection Failure

Physical Information

Name: Marcott
DNR Lake ID number: 19-0041
County: DAKOTA
Location from nearest town: IN INVER GROVE HEIGHTS
Ecoregion: NCHF
Basin: LM
Hydrologic Unit Code: 7040001
Surface Area: 19.865 (acres)
Maximum depth: 27 (feet)
Water Body Type: P

Latitude/Longitude: 44.82861111/-93.08272222
UTMx/UTMy: 493461/4963911

Lake Water Quality Assessment

This summary is based on available summer (June through September) data in STORET (STOR the national water quality data repository developed by the United States Environmental Protec Agency. All water quality data collected by MPCA or received from external groups is placed in STORET.) collected between 1999 and 2008.

Data Quality: excellent
Aquatic Recreation Use Support: Fully Supporting Lakes are better than the aquatic recreation use thresholds with sufficient data to make an assessment. These lakes are considered to be assessed fo recreation and fully supporting by the MPCA.

Lake Water Quality Data Summary

Total Phosphorus Mean: 23.875 ppb (parts per billion)
Total Phosphorus Standard Error: 1.743738799 ppb
Total Phosphorus # of Observations: 16

Chlorophyll-a Mean: 3.492 ppb
Chlorophyll-a Standard Error: 0.465650799 ppb
Chlorophyll-a # of Observations: 25

Secchi Disk Mean: 2.520625 meters
Secchi Disk Standard Error: 0.192051358 meters
Secchi Disk # of Observations: 16
www.pca.state.mn.us/water/clmp.html

Alkalinity Mean: ppm (parts per million)
Color Mean: Platinum-cobalt Units
Carlson Trophic Status for Total Phosphorus: 49.9022358
Carlson Trophic Status for Chlorophyll-a: 42.8671562
Carlson Trophic Status for Secchi Disk: 46.67785576
Overall Trophic Status: M
(O=oligotrophic, M=mesotrophic, E=eutrophic, H=hypereutrophic)

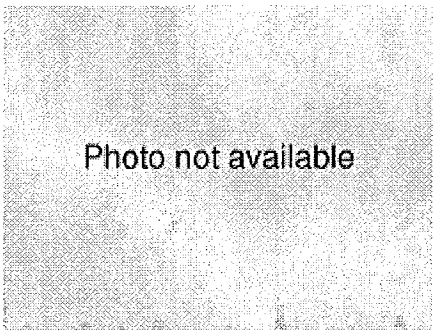
See the Difference! **Oligotrophic** vs. **Hypereutrophic**

Watch how lakes change over the summer.

Compare this lake to reference lakes or all assessed lakes.

Transparency *Chlorophyll-a* *Total Phosphorus*

Minnesota Pollution Control Agency



Lake Station Information

Station Name	UNNAMED (GOLF COURSE)
Alternate IDs:	19-0049
Waterbody Name:	
Data Steward Org:	MPCA
Station ID: (Lake ID)	19-0049
Hydrologic Unit Code (HUC):	07010206
Assessment Unit:	
Period of Record:	1988 through 1988

Connection Failure

Lat/Lon: 44.8806/-93.0705
Datum: NAD83
County: Dakota

Projects Associated with this Station

Project	Purpose
Citizen Lake Monitoring Program	Monitor lake eutrophication status. Project manager formerly Jennifer Klang and assis project manager Johanna Schussler. 2008 new project manager Johanna Schussler.

Station Data Collection Years

1988

Station Data

Sample Date:	Sample Type	Sample Depth	BOD mg/L	Chl-a µg/L	DO mg/L	TKN mg/L	NOx mg/L	pH	Pheo µg/L	TP mg/L	TSS mg/L	Temp Degrees C	Turb	FC #/100ml	F #/
10/04/1988	Routine Sample/Observation	0 m													
09/07/1988	Routine Sample/Observation	0 m													
08/31/1988	Routine Sample/Observation	0 m													
08/17/1988	Routine Sample/Observation	0 m													
07/27/1988	Routine Sample/Observation	0 m													

07/13/1988	Routine Sample/Observation	0 m
06/28/1988	Routine Sample/Observation	0 m
06/21/1988	Routine Sample/Observation	0 m
06/13/1988	Routine Sample/Observation	0 m

Station Dataset Download

Download Standard Parameter Data (Same format as above)

Download All Monitoring Data (Including all Parameters)

Additional Information and Links

Secchi Disk readings for 19-0049 Lake

- Full Secchi information from the MPCA site
- Lake Water Quality Information from the MPCA site

This page was last updated 19-Jul-10

If you have suggestions on how we can improve this site, or if you have questions or problems, please contact us.
If you have technical questions or problems with this site, contact webmaster@pca.state.mn.us
Minnesota Pollution Control Agency, 520 Lafayette Road, St. Paul, MN 55155-4194
Phone: 651-296-6300, 800-657-3864; 24-hour emergency number: 651-649-5451 or 800-422-0798; TTY: 651-282-5332, TTY 24-hour emergency number: 651 627-3529 dione

Minnesota Pollution Control Agency

Connection Failure

Physical Information

Name: Unnamed (Simley)
DNR Lake ID number: 19-0037
County: DAKOTA
Location from nearest town: 2 MI SW OF INVER GROVE
Ecoregion: NCHF
Basin: UM
Hydrologic Unit Code: 7010206
Surface Area: 10.638 (acres)
Maximum depth: 17 (feet)
Water Body Type: P

Latitude/Longitude: 44.83416667/-93.04188889
UTMx/UTMy: 496689/4964526

Lake Water Quality Assessment

This summary is based on available summer (June through September) data in STORET (STOF the national water quality data repository developed by the United States Environmental Protec Agency. All water quality data collected by MPCA or received from external groups is placed in STORET.) collected between 1999 and 2008.

Data Quality: excellent
Aquatic Recreation Use Support:

Lake Water Quality Data Summary

Total Phosphorus Mean: 45.11111111 ppb (parts per billion)
Total Phosphorus Standard Error: 2.773107185 ppb
Total Phosphorus # of Observations: 36

Chlorophyll-a Mean: 26.06326531 ppb
Chlorophyll-a Standard Error: 3.048191019 ppb
Chlorophyll-a # of Observations: 49

Secchi Disk Mean: 0.994444444 meters
Secchi Disk Standard Error: 0.075060234 meters
Secchi Disk # of Observations: 36
www.pca.state.mn.us/water/clmp.html

Alkalinity Mean: ppm (parts per million)

Color Mean: Platinum-cobalt Units
Carlson Trophic Status for Total Phosphorus: 59.07763416
Carlson Trophic Status for Chlorophyll-a: 62.58576853
Carlson Trophic Status for Secchi Disk: 60.08027876
Overall Trophic Status: E
(O=oligotrophic, M=mesotrophic, E=eutrophic, H=hypereutrophic)

See the Difference! **Oligotrophic** vs. **Hypereutrophic**

Watch how lakes change over the summer.

Compare this lake to reference lakes or all assessed lakes.

Transparency *Chlorophyll-a* *Total Phosphorus*

CITY OF SAINT PAUL
INTERDEPARTMENTAL MEMORANDUM

October 3, 1984

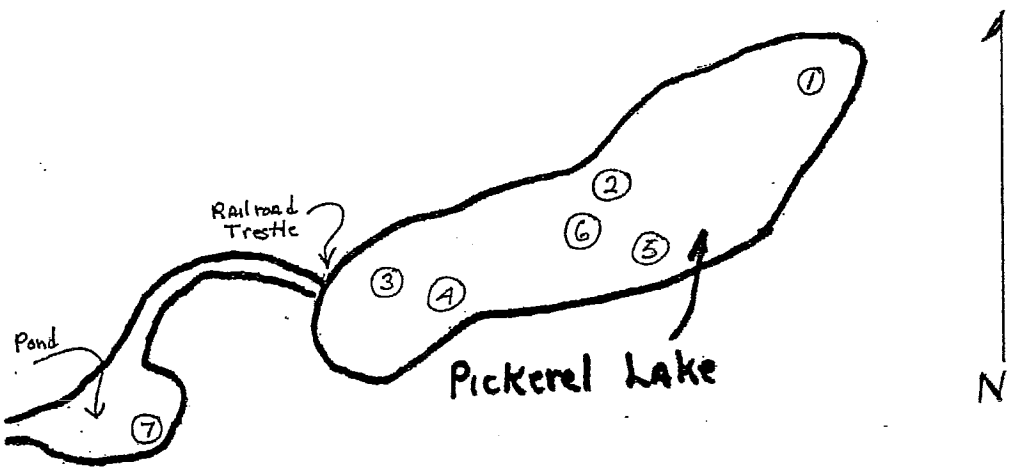
TO: Timothy M. Agness

FROM: William F. Gunther, Laboratory Director WFG
CITY OF ST. PAUL HEALTH DIVISION

SUBJECT: Test results from Pickerel Lake

The test results from the water samples taken from Pickerel Lake on Sept. 14, 1984 are as follows:

Location number	Fecal Coliform	Total Plate Count
1	43	220
2	93	750 est
3	9	160
4	< 3	430 est
5	< 3	320 est
6	3	170
7	240	1,080 est



The standard for natural water for swimming is less than 200 fecal coliforms and less than a 1,000 on the total plate count. All of the samples passed bacteriologically accept the pond sample #7.

The samples indicate that the lake water quality is bacteriologically safe for swimming.

WFG:cw

Minnesota Pollution Control Agency

Photo not available

Lake Station Information

Station Name	DICKMAN
Alternate IDs:	19-0046
Waterbody Name:	
Data Steward Org:	MPCA
Station ID: (Lake ID)	19-0046
Hydrologic Unit Code (HUC):	07010206
Assessment Unit:	
Period of Record:	1996 through 1997

Connection Failure

Lat/Lon: 44.8622/-93.0791
Datum: NAD83
County: Dakota

Projects Associated with this Station

Project	Purpose
MPCA Lake Monitoring Program Project	This is an inclusive project created to migrate data to modernized STORET from t 21MINNL Agency Code in Legacy STORET where project information was not s the sample or result level. Specific purposes for Legacy STORET data collection i available in the station descriptions.
Atmospheric and Nonpoint Trends in MN Lakes LCMR study	Trends

Station Data Collection Years

1997 1996

Station Data

Sample Date:	Sample Type	Sample Depth	BOD mg/L	Chl-a µg/L	DO mg/L	TKN mg/L	NOx mg/L	pH	Pheo µg/L	TP mg/L	TSS mg/L	Temp Degrees C	Turb	FC #/100ml
08/15/1997	Routine Sample/Observation	0 m			6.8			7.57				22.3		
08/15/1997	Routine Sample/Observation	1.00 m			5.5							21.9		

08/15/1997	Routine Sample/Observation	2.00 m		5					21.8		
08/15/1997	Routine Sample/Observation		59.2		1.34		10.4	0.103	7.6		
05/13/1997	Routine Sample/Observation	0 m		9.9		9.25			13		
05/13/1997	Routine Sample/Observation	1.00 m		10					12.6		
05/13/1997	Routine Sample/Observation	2.00 m		9.4					12.4		
05/13/1997	Routine Sample/Observation		46.7		1.45	< 0.05	< 0.85	0.076	13		8.7

Station Dataset Download

Download Standard Parameter Data (Same format as above)

Download All Monitoring Data (Including all Parameters)

Additional Information and Links

Secchi Disk readings for 19-0046 Lake

- Full Secchi information from the MPCA site
- Lake Water Quality Information from the MPCA site

This page was last updated 07-Jul-10

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Minnesota Pollution Control Agency, 520 Lafayette Road, St. Paul, MN 55155-4194
Phone: 651-296-6300, 800-657-3864; 24-hour emergency number: 651-649-5451 or 800-422-0798; TTY: 651-282-5332, TTY 24-hour emergency number: 651 627-3529 dione

Minnesota Pollution Control Agency

Photo not available

Lake Station Information

Station Name	DICKMAN
Alternate IDs:	19-0046
Waterbody Name:	
Data Steward Org:	MPCA
Station ID: (Lake ID)	19-0046
Hydrologic Unit Code (HUC):	07010206
Assessment Unit:	
Period of Record:	1996 through 1997

Connection Failure

Lat/Lon: 44.8622/-93.0791
Datum: NAD83
County: Dakota

Projects Associated with this Station

Project	Purpose
MPCA Lake Monitoring Program Project	This is an inclusive project created to migrate data to modernized STORET from t 21MINNL Agency Code in Legacy STORET where project information was not s the sample or result level. Specific purposes for Legacy STORET data collection r available in the station descriptions.
Atmospheric and Nonpoint Trends in MN Lakes LCMR study	Trends

Station Data Collection Years

1997 1996

Station Data

Sample Date:	Sample Type	Sample Depth	BOD mg/L	Chl-a µg/L	DO mg/L	TKN mg/L	NOx mg/L	pH	Pheo µg/L	TP mg/L	TSS mg/L	Temp Degrees C	Turb	FC #/100ml	I #
09/19/1996	Routine Sample/Observation			86					28.44	0.136					

Station Dataset Download

Download Standard Parameter Data (Same format as above) 

Download All Monitoring Data (Including all Parameters) 

Additional Information and Links

Secchi Disk readings for 19-0046 Lake

- Full Secchi information from the MPCA site
- Lake Water Quality Information from the MPCA site

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Minnesota Pollution Control Agency, 520 Lafayette Road, St. Paul, MN 55155-4194
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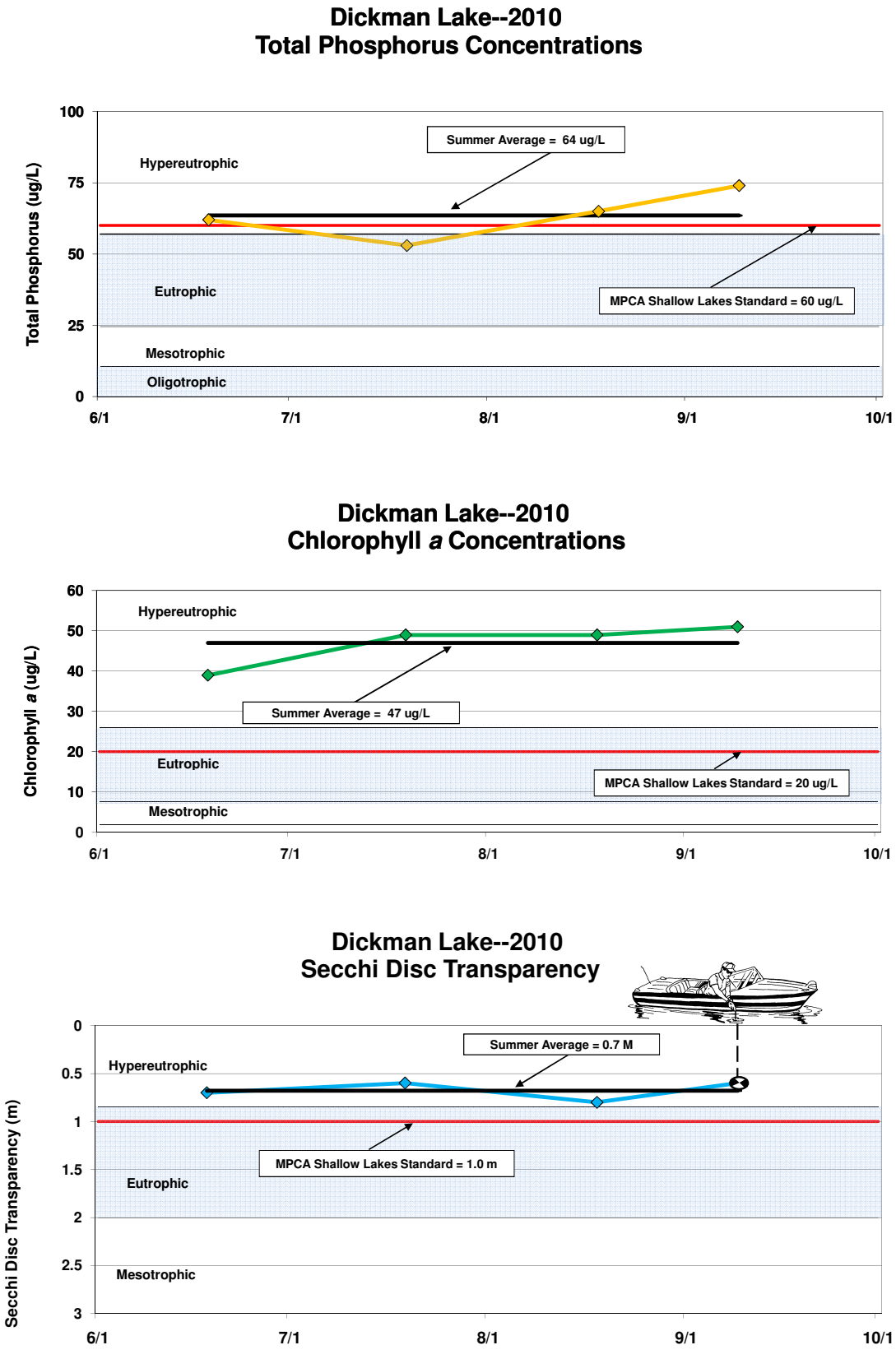
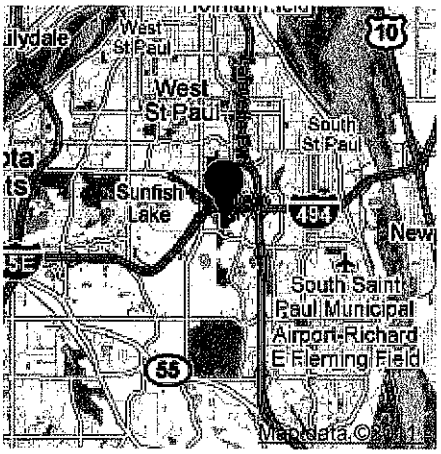


Figure 1.
Dickman Lake 2010 Monitoring Results

Table 1. 2010 Monitoring Data for Dickman Lake

Dickman Lake

Date	Max Depth (m)	Sample Depth (m)	Secchi Depth (m)	Chl. a (ug/L)	Turbidity (NTU's)	D. O. (mg/L)	Temp (°C)	Sp. Cond. (µmho/cm @ 25°C)	Total P (mg/L)	Chloride (mg/L)	pH (S.U.)	ORP (mv)
6/18/10	2.4	0-2	0.7	39.0	6.5	--	--	--	0.062	49	--	--
		0.0				10.8	23.4	299	--	--	8.8	186
		1.0				10.8	23.4	299	--	--	8.8	176
		2.0				5.1	20.3	302	--	--	7.6	185
		Aquatic plant grow near shore 0-3.5 feet of depth P. sp. (narrowleaf), Najas sp., Ceratophyllum demersum present										
7/19/10	2.4	0-2	0.6	49.0	10.3	--	--	--	0.053	47	--	--
		0.0				9.9	26.1	273	--	--	9.4	161
		1.0				9.1	25.8	272	--	--	9.3	154
		2.0				0.2	24.6	290	0.055	--	7.5	-45
8/18/10	2.4	0-2	0.8	49.0	5.4	--	--	--	0.065	46	--	--
		0.0				10.1	24.9	254	--	--	9.0	102
		1.0				9.3	24.6	254	--	--	8.8	103
		2.0				0.3	24.4	254	--	--	8.6	104
9/9/10	2.4	0-2	0.6	51.0	6.9	--	--	--	0.074	46	--	--
		0.0				10.3	18.1	256	--	--	9.2	119
		1.0				10.0	18.1	257	--	--	9.2	118
		2.0				10.1	18.1	257	--	--	9.2	115



Physical Information

Name: Schmitt
DNR Lake ID number: 19-0052
County: Dakota
Location from nearest town:
Ecoregion: North Central Hardwood Forests
Basin: Upper Mississippi
Hydrologic Unit Code: 7010206
Surface Area: 57 (acres)
Water Body Type:

Latitude/Longitude: 44.86999893/-93.07350159
UTMx/UTMy: /

Lake Water Quality Assessment

This summary is based on available summer (June through September) data in STORET (STORET is the national water quality data repository developed by the United States Environmental Protection Agency. All water quality data collected by MPCA or received from external groups is placed in STORET.) collected between 2001 and 2010.

Data Quality:
Aquatic Recreation Use Support: Insufficient Information

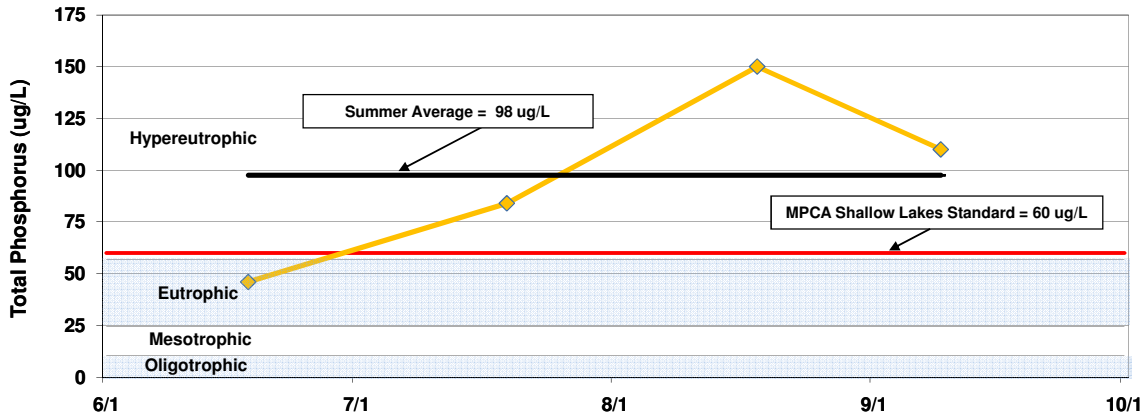
Lake Water Quality Data Summary

Chlorophyll-a Mean: 0.0 ppb
Chlorophyll-a Standard Error: 0.0 ppb
Chlorophyll-a # of Observations:

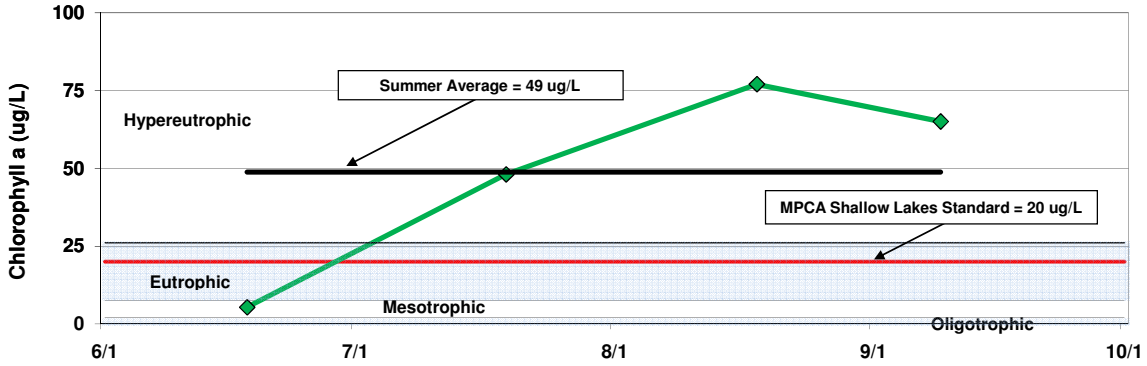
Secchi Disk Mean: 0.0 meters
Secchi Disk Standard Error: 0.0 meters
Secchi Disk # of Observations: 7
www.pca.state.mn.us/water/clmp.html

Alkalinity Mean: 0.0 ppm (parts per million)
Color Mean: 0.00 Platinum-cobalt Units
Carlson Trophic Status for Total Phosphorus: 0.0
Carlson Trophic Status for Chlorophyll-a: 0.0
Carlson Trophic Status for Secchi Disk: 118.6
Overall Trophic Status: Hypereutrophic
(O=oligotrophic, M=mesotrophic, E=eutrophic, H=hypereutrophic)

Schmitt Lake--2010
Total Phosphorus Concentrations



Schmitt Lake--2010
Chlorophyll *a* Concentrations



Schmitt Lake--2010
Secchi Disc Transparency

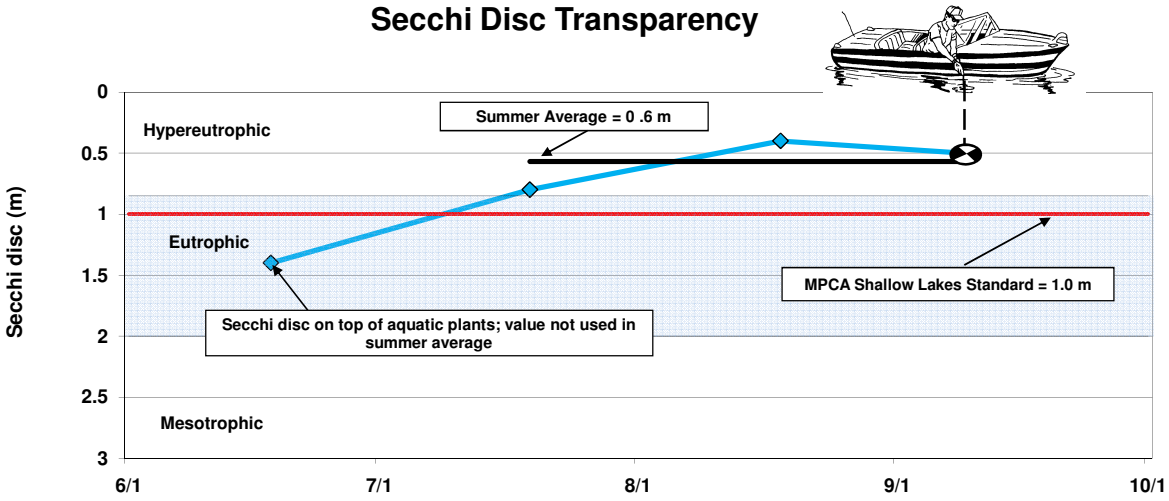


Figure 2.
Schmitt Lake 2010 Monitoring Results

P:\Mpls\23 MN\19\2319078\WorkFiles\WQ Monitoring\Dickman-Schmidt-2010 WQ Data\Schmidt Lake WQ-2010 Data

Table 2. 2010 Monitoring Data for Schmitt Lake

Schmitt Lake

Date	Max Depth (m)	Sample Depth (m)	Secchi Depth (m)	Chl. a (ug/L)	Turbidity (NTU's)	D. O. (mg/L)	Temp (°C)	Sp. Cond. (µmho/cm @ 25°C)	Total P (mg/L)	Chloride (mg/L)	pH (S.U.)	ORP (mv)
6/18/10	1.8	0-1.5	1.4	5.3	1.3	--	--	--	0.046	200	--	--
		0.0				13.1	23.4	770	--	--	9.9	208
		1.0				13.1	23.4	770	--	--	9.8	193
		1.5				8.5	21.8	801	--	--	9.3	99
			secchi disc on top of aquatic plants									
			P. crispus present, algal mats near shore, dense Elodea canadensis									
			Myriophyllum spicatum present (sample pressed and dried)									
7/19/10	1.5	0-1	0.8	48.0	8.1	--	--	--	0.084	150	--	--
		0.0				5.9	25.0	610	--	--	8.5	156
		1.0				3.2	24.9	615	--	--	8.2	160
8/18/10	1.5	0-1	0.4	77.0	16.8	--	--	--	0.150	130	--	--
		0.0				9.2	23.5	583	--	--	8.8	113
		1.0				4.4	22.7	596	--	--	8.0	124
9/9/10	1.5	0-1	0.5	65.0	13.9	--	--	--	0.110	120	--	--
		0.0				10.2	16.6	560	--	--	8.7	115
		1.0				10.2	16.6	560	--	--	8.7	115

APPENDIX F

Water Body Categories from 2001 Classification System

The 2001 plan required the member cities to manage the non-intercommunity water bodies to achieve the cities' goals, while the WMO was responsible for monitoring the intercommunity water bodies. The classifications were preliminary due to limited amounts of water quality information. Member cities classified their water bodies individually based on their level of use.

Category I - Water bodies in this category are typically used for swimming and other direct contact recreational activities. These water bodies have the highest/best water quality and are usually the most popular water bodies with the public.

- Rogers Lake – Mendota Heights
- Sunfish Lake – Sunfish Lake

Category II - Water bodies in this category are typically used for indirect contact recreational activities such as boating and fishing that involve incidental contact with surface water. These water bodies have poorer water quality than Category I water bodies, but are still popular with the public.

- Seidl's Pond – South St. Paul/Inver Grove Heights
- Thompson Lake – West St. Paul
- Marthaler Pond – West St. Paul
- 19-93 W – Mendota Heights
- Wood Duck Pond – Sunfish Lake
- Horseshoe Lake – Sunfish Lake

Category III - Water bodies in this category serve important functions for wildlife habitat and aesthetic enjoyment, and may also provide opportunities for warm-water fishing, provided winterkill does not occur. These water bodies have poorer water quality than Category I and II water bodies and typically are not viewed as swimmable.

- Dickman Lake/Loch Gregor – Inver Grove Heights/Sunfish Lake
- Bohrer Pond – Inver Grove Heights/South St. Paul
- Hornbean Lake – Sunfish Lake/Inver Grove Heights
- Pickerel Lake – Lilydale/St. Paul
- Schmitt Lake – Inver Grove Heights/Sunfish Lake/West St. Paul
- Lily Lake – West St. Paul
- Mud Lake – West St. Paul
- Dodge Nature Center Ponds – West St. Paul
- Friendly Marsh – Mendota Heights
- 19-103 P, 19-227 W, 19-228 W, 19-118 W, 19-108 W, 19-235 W, 19-232 W – Mendota Heights

Category IV - Nutrient Traps. Water bodies in this category are intended to reduce downstream loading of phosphorus and other nutrients that contribute to water pollution. These water bodies are designed to have phosphorus removal efficiencies of at least 50%.

- Golf Course Pond – Inver Grove Heights/West St. Paul
- LeVander Pond – South St. Paul
- Anderson Pond – South St. Paul
- 19-229 W, 19-234 W, 19-231 W, 19-233 W – Mendota Heights

Category V - Sediment Traps. These water bodies are similar to Category IV water bodies, but are too small to effectively remove a significant fraction of nutrients. These basins will generally have phosphorus removal efficiencies of less than 50%.

- 19-119 W, 19-104 W – Mendota Heights

The monitoring effort required for water bodies using this classification system is as follows:

Water Body Classification	**Type of Monitoring**
Category I	Survey Level – minimum requirement Management Level– only under certain conditions.
Category II/III	Secchi disk monitoring (i.e. MPCA's Citizen Lake Monitoring Program).
Category IV/V	As required by city maintenance plans and policies.

US Army Corps
of Engineers
Omaha District

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

DESIGN DRAWINGS

FUELING FACILITY REPAIRS
AASF ST. PAUL HOLMAN FIELD, MINNESOTA

CONTRACT NUMBER: W9128F-16-C-0039

PROJECT NUMBER: P.2015.00369

CORRECTED 100% SUBMITTAL

October 28, 2016

PRIME CONTRACTOR / DESIGN FIRM:

KNK

KNK Engineering Consulting Corp.
7380 W. Sand Lake Road, Suite 500
Orlando, Florida 32819

DESIGNER OF RECORD:

Kathy Giang, PE
October 2016

THIS PROJECT WAS DESIGNED BY THE OMAHA DISTRICT OF THE US ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

THE FOLLOWING SIGNATURES BELOW INDICATE OFFICIAL APPROVAL OF ALL DRAWINGS IN THIS SET DATED _____

SUBMITTED BY: CHIEF: ARCH	RA SECTION
SUBMITTED BY: CHIEF: CIVIL	PE SECTION
SUBMITTED BY: CHIEF: ELECT	PE SECTION
SUBMITTED BY: CHIEF: ENVIR	PE SECTION
SUBMITTED BY: CHIEF: MECH	PE SECTION
SUBMITTED BY: CHIEF: PLANS/SPECS	PE SECTION
SUBMITTED BY: CHIEF: STRUCT/INTER	PE SECTION
SUBMITTED BY: CHIEF: GEOT	PE SECTION

US Army Corps
of Engineers
Omaha District

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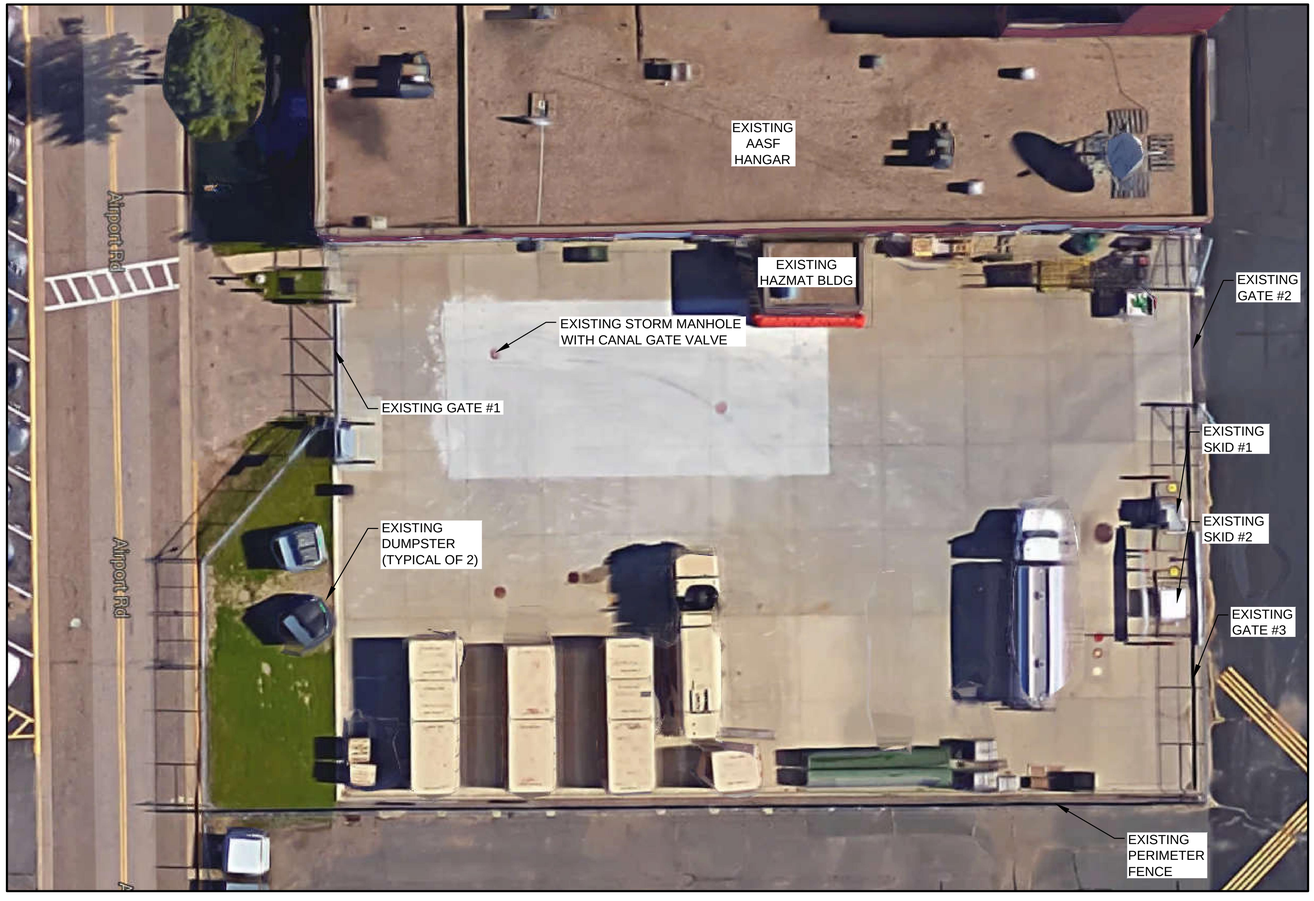
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

1 GI001 PROJECT AREA - VICINITY MAP
SCALE: NOT TO SCALE



2 GI001 SITE MAP
SCALE: NOT TO SCALE

KATHY WONG GIANG
LICENSE
NO. 53246
10-28-2016
STATE OF FLORIDA
PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

DATE: OCTOBER 2016
SOLICITATION NO.: W9128F-16-R-0039
CONTRACT NO.: W9128F-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016
DESIGNED BY: ITH
DWN BY: DWK
CKD BY: KWG
SUBMITTED BY: KWG
FILE NAME: HM09G001.DWG
PLOT SCALE: AS SHOWN
SIZE: 34 X 22

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KHK ENGINEERING CONSULTING CORP.
7380 CHEMICAL DRIVE, SUITE 500
ORLANDO, FLORIDA 32819
(407) 716 - 7780 CA # 28926

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

VICINITY MAP & LOCATION PLANS

SHEET IDENTIFICATION NUMBER
GI001

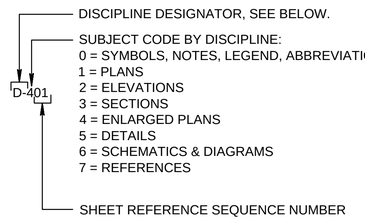
INDEX OF DRAWINGS		
SEQ	SHEET NO.	DESCRIPTION
		GENERAL
1	G-001	COVER SHEET
2	GI001	VICINITY MAP & LOCATION PLANS
3	GI002	INDEX OF DRAWINGS, ABBREVIATIONS & PROJECT SIGN DETAILS
		CIVIL
4	C-001	CIVIL SYMBOL LEGEND, ABBREVIATIONS & GENERAL NOTES
5	CD101	CIVIL SITE PLAN - EXISTING CONDITIONS & DEMOLITION
6	CS101	CIVIL SITE PLAN
7	C-401	ENLARGED CIVIL SITE PLAN I
8	C-402	ENLARGED CIVIL SITE PLAN II
9	C-403	ENLARGED CIVIL PLAN - SITE DRAINAGE
10	C-501	CIVIL DETAILS I
11	C-502	CIVIL DETAILS II
12	C-503	CIVIL DETAILS III
13	C-504	CIVIL DETAILS IV
14	C-505	CIVIL DETAILS V
15	C-506	CIVIL DETAILS VI
16	C-507	CIVIL DETAILS VII
17	C-508	CIVIL DETAILS VIII
		STRUCTURAL
18	S-001	STRUCTURAL SYMBOL LEGEND, ABBREVIATIONS & GENERAL NOTES
19	SS101	STRUCTURAL SITE PLAN - OVERALL
20	S-401	ENLARGED STRUCTURAL PLAN - TRUCK LOADING/UNLOADING AREA
21	S-501	STRUCTURAL DETAILS I
22	S-502	STRUCTURAL DETAILS II
		MECHANICAL
23	M-001	MECHANICAL SYMBOL LEGEND, ABBREVIATIONS & GENERAL NOTES
24	MS101	MECHANICAL SITE PLAN - OVERALL
25	M-301	MECHANICAL FUEL EQUIPMENT SECTION AND ENLARGED PLAN
26	MD401	ENLARGED MECHANICAL PLAN - DEMOLITION - EXISTING FUEL STORAGE TANK AREA
27	M-401	ENLARGED MECHANICAL PLAN - FUEL STORAGE TANK AREA/FILLSTAND
28	M-501	MECHANICAL DETAILS I
29	M-502	MECHANICAL DETAILS II
30	M-601	FUELING SYSTEM SCHEMATIC FLOW DIAGRAM
		ELECTRICAL
31	E-001	ELECTRICAL SYMBOL LEGEND, ABBREVIATIONS & GENERAL NOTES
32	ED101	ELECTRICAL SITE PLAN - EXISTING CONDITIONS & DEMOLITIONS
33	ES101	ELECTRICAL SITE PLAN - OVERALL/HAZARDOUS AREAS CLASSIFICATION
34	ES102	ELECTRICAL SITE PLAN - POWER
35	ES103	ELECTRICAL BUILDING PLAN - POWER
36	E-401	ENLARGED PLAN - GROUNDING - FUEL STORAGE TANK AREA/ FILLSTAND
37	E-501	ELECTRICAL DETAILS I
38	E-502	ELECTRICAL DETAILS II
39	E-503	ELECTRICAL DETAILS III
40	E-601	ELECTRICAL SCHEDULES
41	E-602	CONTROLS WIRING DIAGRAMS I
42	E-603	CONTROLS WIRING DIAGRAMS II
43	E-604	CONTROLS WIRING DIAGRAMS III
		REFERENCE
44	R-801	REFERENCE SHEET I
45	R-802	REFERENCE SHEET II
46	R-803	REFERENCE SHEET III
47	R-804	REFERENCE SHEET IV

GENERAL NOTES:

1. CONTRACTOR TO STORE STONE AND SOIL THAT IS USEFUL ONSITE AT DESIGNATED AREA AS DIRECTED BY THE COR. LEGALLY DISPOSE OF ALL DEMOLISHED ASPHALT AND EXCESS STONE AND SOIL OFFSITE.
2. CONDUCT DEMOLITION AND CONSTRUCTION ACTIVITIES IN SUCH A MANNER TO PROVIDE MINIMAL TRAFFIC AND FACILITY DISRUPTION.
3. EXISTING UTILITIES SHALL REMAIN IN SERVICE DURING CONSTRUCTION.
4. FIELD VERIFY ALL DIMENSIONS ON THE SITE PRIOR TO CONSTRUCTION AND IDENTIFY DISCREPANCIES TO THE PRIME CONTRACTOR.
5. CONTRACTOR TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.
6. NOTIFY ALL UTILITIES 72 HOURS PRIOR TO START OF CONSTRUCTION TO VERIFY UTILITIES THAT MIGHT BE PRESENT ON SITE.
7. CAUTION! THERE MAY BE EXISTING UNDERGROUND UTILITIES OF WHICH THERE IS NO ABOVE GROUND EVIDENCE OBSERVED. EXACT LOCATION OR UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL (888) 858 - 9830 BEFORE YOU DIG.

INDEX OF DRAWINGS LEGEND:

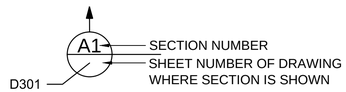
1. SHEET NUMBERS:



2. DISCIPLINE DESIGNATOR:

C	CIVIL
G	GENERAL
M	MECHANICAL/FUELING
E	ELECTRICAL
S	STRUCTURAL
R	REFERENCE

SECTION IDENTIFICATION:



NOTE:

1. SHEET NUMBERS OMITTED IF SECTION IS CUT AND DETAILED ON SAME DRAWING.

KATHY WONG GIANG LICENSE NO. 53246 STATE OF FLORIDA PROFESSIONAL ENGINEER 10/28/2016

KATHY WONG GIANG
FLORIDA PE #53246

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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
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DESIGNED BY: ITH
DRAWN BY: CHA
CHKD BY: CWB
SUBMITTED BY: KWG
FILE NAME: HM096G002.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0049
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
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(407) 778 - 7780 CA # 28508

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

INDEX OF DRAWINGS & ABBREVIATIONS & PROJECT SIGN DETAILS

SHEET IDENTIFICATION NUMBER
GI002

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

SYMBOLS LEGEND

—(A)	DOWEL JOINT
—(C)	CONTRACTION JOINT
—(E)	EXPANSION JOINT
	FLOW DIRECTION
1%	SLOPE
639.2	FINISHED GRADE ELEVATION
B–1	SOIL SPT BORING LOCATION AND DESIGNATION
	SURVEY CONTROL POINT
+700.1	EXISTING SPOT ELEVATION
C.O.	CLEANOUT
	MANHOLE
E	ELEC HANDHOLE
	UTILITY POLE
	PIPE BOLLARD
	BOLLARD ON EXISTING SLAB
	ITEM TO BE DEMOLISHED
	CONCRETE PAVEMENT
	CONSTRUCTION SILT FENCE
	LIMITS OF DISTURBANCE
	LIGHT POLE

ABBREVIATIONS

@	AT
AASF	ARMY AVIATION SUPPORT FACILITY
ALUM.	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
BLDG	BUILDING
CB	CATCH BASIN
CBR	CALIFORNIA BEARING RATIO
C.C.	CENTER TO CENTER
CD	CONTAINMENT DISCHARGE
CFR	CODE OF FEDERAL REGULATIONS
CLR	CLEAR OR CLEARANCE
CONC	CONCRETE
CONT.	CONTINUE
DI, DIP	DUCTILE IRON PIPE
DIA, Ø	DIAMETER
E	EAST
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
ELEC	ELECTRICAL
EM	ENGINEERS MANUAL
EQUIP	EQUIPMENT
EW	EACH WAY
EX	EXISTING
F'C	CONCRETE COMPRESSIVE STRENGTH
FT	FEET
GA.	GALVANIZED
GAL	GALLON
GALV	GALVANIZED
MnDOT	MINISOTA DEPARTMENT OF TRANSPORTATION
INV	INVERT
LB	POUNDS
MAX	MAXIMUM
MIN	MINIMUM
MOV	MOTORIZED OPERATED VALVE
N	NORTH
NOM	NOMINAL
NSF	NATIONAL SANITATION FOUNDATION
O.C.	ON CENTER
O.D	OUTER DIAMETER
O/W	OIL/WATER
OZ	OUNCE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PCC	PORTLAND CEMENT CONCRETE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
R, RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
SCH.	SCHEDULE
SE	STRUCTURAL ENGINEER
SPT	SPOT
TBM	TEMPORARY BENCHMARK
T&B	TOP AND BOTTOM
TOC	TOP OF CURB
TYP	TYPICAL
UG	UNDERGROUND
W/	WITH
WWF	WELDED WIRE FABRIC

FOR REVIEW ONLY
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GENERAL NOTES:

1. ALL EXCAVATION, TRENCHING, SHEETING, SHORING, AND BRACING SHALL BE PROVIDED AS REQUIRED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS, INCLUDING OSHA (29 CFR 1925) AND EM 385-1-1 (U.S. ARMY CROPS OF ENGINEERS SAFETY MANUAL). SHORING, SHEETING, AND BRACING DESIGN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER WITH SIGNED AND SEALED CALCULATIONS PROVIDED.
2. ALL ITEMS INDICATED TO BE REMOVED OR DEMOLISHED SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM PROJECT SITE AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. NO SALVAGE VALUE IS EXPRESSED OR IMPLIED BY THESE CONTRACT DOCUMENTS FOR ANY ITEMS TO BE REMOVED OR DEMOLISHED.
3. WHERE ACTUAL DIMENSIONS AND SIZES ARE PROVIDED IN THE DRAWINGS, THEY SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. LARGE SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.
4. IF CONTAMINATED MATERIAL IS ENCOUNTERED DURING PROJECT WORK NOTIFY THE CONTRACTING OFFICER IMMEDIATELY.
5. SEE SHEET S-001 FOR ADDITIONAL NOTES.
6. NEW PERIMETER FENCE AND GATE SHALL BE CONSTRUCTED PRIOR TO REMOVAL OR DEMOLITION OF EXISTING FENCE.
7. THE CONTRACTOR SHALL USE FLAGGER OPERATION ALONG AIRPORT ROAD DURING THE CONSTRUCTION OF THE NEW CONCRETE DRIVEWAY AND GATE #4.

DUCTILE IRON PIPE AND FITTINGS NOTES:

1. DUCTILE IRON PIPE SHALL CONFORM TO ANSI/AWWA C150/A21.50 AND ANSI/AWWA C151/A21.51. CLASS 53.
2. FITTINGS SHALL BE AWWA C110 AND RATED FOR 350 PSI.
3. DUCTILE IRON PIPE AND FITTINGS SHALL HAVE A CEMENT LINING PER AWWA C104 THAT IS NSF APPROVED. PIPE JOINTS SHALL HAVE NITRILE GASKET MEETING ALL REQUIREMENTS OF AWWA C111 FOR FUEL RESISTANT PROPERTIES.

CONCRETE FOR PAVEMENT NOTES:

1. CONCRETE PAVEMENT SHALL INCLUDE THE TRUCK CONTAINMENT PAD AND ALL NEW OR REPLACED PAVEMENT SLABS, UNLESS NOTED OTHERWISE. MATERIALS, CONSTRUCTION AND TESTING REQUIREMENTS FOR THE CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS INDICATED IN THE MNDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2016 EDITION, SECTION 2301 AND AS AMENDED HEREIN.

MINIMUM COMPRESSIVE STRENGTH	4500 PSI AT 28 DAYS
MINIMUM FLEXURAL STRENGTH	650 PSI AT 28 DAYS.

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

KEITH QUOC GIANG
FLORIDA PE #49510

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

APPR	DATE	DESCRIPTION
MARK	APPR	DATE	DESCRIPTION

DESIGNED BY: CMH
DWN BY: CMH
CKD BY: KQG
SUBMITTED BY: KWG
FILE NAME: HM09C-001.DWG
PLOT SCALE: AS SHOWN
SIZE: 34 X 22
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0065
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F12S-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 WEST SAND LAKE ROAD, SUITE 500
ORLANDO, FLORIDA 32819
(407) 778-7780 CA # 29509

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL SYMBOL LEGEND, ABBREVIATIONS & GENERAL NOTES

SHEET IDENTIFICATION NUMBER
C-001

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

NOTE:

1. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.

EXISTING BUILDING PERIMETER

PROVIDE EROSION CONTROL DEVICE AT EXISTING CATCH BASIN. FOR DETAIL SEE SHEET C-502

Minnesota National Guard Aviation Building

EXISTING AASF HANGAR

EXISTING ROLL-UP DOOR (TYP.)

EXISTING GATE #1

EXISTING GATE #2

EXISTING 18" STORM SEWER PIPING

PROVIDE EROSION CONTROL DEVICE AT EXISTING CATCH BASIN, SEE SHEET C-502 FOR DETAIL.

EXISTING CATCH BASIN CB-2 TO BE PROTECTED.

EXISTING UG STORAGE TANK (20,000 GAL) TO REMAIN.

PROVIDE SILT FENCE ALONG THE INSIDE OF EXISTING FENCE. SEE SHEET C-502 FOR DETAIL.

REMOVE FUEL SKIDS

REMOVE EXISTING FENCE AND GATE #3.

1'-0" CURB MATCH EXISTING, EACH END

SAW CUT ALONG EXISTING PAVEMENT JOINTS FOR ELECTRICAL/COMM TRENCH

REMOVE EXISTING FENCE AND GATE #4

DISTURBED AREA

PROVIDE SILT FENCE ALONG THE OUTSIDE OF EXISTING FENCE, SEE SHEET C-502 FOR DETAIL.

REMOVE EXISTING CURB

PROVIDE EROSION CONTROL DEVICE AT EXISTING CATCH BASIN, SEE SHEET C-502 FOR DETAIL.

PROVIDE SILT FENCE ALONG THE INSIDE OF EXISTING FENCE. SEE SHEET C-502 FOR DETAIL.

EXISTING PERIMETER FENCE

REMOVE EXISTING CONCRETE SLABS TO LIMITS INDICATED OR TO NEAREST EXISTING PAVEMENT JOINTS

REMOVE EXISTING CURB

EXISTING UG OIL/WATER SEPARATOR (6,000 GAL) (TO REMAIN)

EXISTING PAVEMENT JOINT (TYP.)

C1 / C-502

10'-0"

20'-0"

Road

Airport

N

10' 5' 0 10'

SCALE: 1" = 10'-0"

1 / CD101 CIVIL SITE PLAN - EXISTING CONDITIONS & DEMOLITION
SCALE: : 1" = 10'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
KEITH QUOC GIANG
FLORIDA PE #49510

DESIGNED BY: CMN
DRN BY: CMN
CHK BY: KQG
SUBMITTED BY: KWG
FILE NAME: HM09CD101.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0006
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F12S-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 WEST SAND LAKE RD, SUITE 500
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(407) 778-7780 CA # 29508

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL SITE PLAN - EXISTING CONDITIONS & DEMOLITION

SHEET IDENTIFICATION NUMBER
CD101

FOR REVIEW ONLY
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PAVEMENT JOINTS:

(A) DOWELED JOINT, SEE DETAIL C3 / C-503

(C) TIE LONGITUDINAL JOINT, SEE DETAIL B2 / C-503

CONCRETE PAVEMENT FOR ELECTRICAL TRENCH

EXISTING STORM MANHOLE WITH CANAL GATE VALVE TO REMAIN CLOSED DURING GATE VALVE INSTALLATION

EXISTING AASF HANGAR

EXISTING MANHOLE TO BE MODIFIED, SEE DETAILS ON SHEET C-507 AND C-508

EXISTING HAZMAT BLDG

EXISTING GATE #1

EXISTING GATE #2

CONNECT TO EXISTING CATCH BASIN WITH CANAL GATES AND OPERATING NUTS

POST INDICATOR VALVE

EXISTING UG STORAGE TANK (20,000 GAL)

TEMPORARILY PLUG EXISTING PIPE DURING GATE VALVE INSTALLATION

CONTAINMENT DISCHARGE PIPE

BOLLARD (TYP)

SKID #1

SKID #2

GRASSED AREA

CD

REMOTE CONTAINMENT BASIN (19'-0"X16'-0")

LIGHT POLE

EXISTING UG OIL/WATER SEPARATOR (6,000 GAL)

EQUIP SKID (15'X6')

GATE #4 DOUBLE SWING GATE, 10' WIDE EA.

GATE #3 DOUBLE SWING GATE, 10' WIDE EA.

AIRPORT ROAD

TRUCK CONTAINMENT PAD

EXISTING PAVEMENT JOINT (TYP.)

CB-1

CONCRETE DRIVEWAY APRON

BEGIN CONTAINMENT PAD AT EXISTING PAVEMENT JOINT, MATCH EXISTING JOINT WIDTH

EXISTING PERIMETER FENCE (TO REMAIN)

CUT BACK EXISTING CURB

CONTAINMENT PAD PAVEMENT JOINT (TYP.)

SEE ENLARGED PLAN ON SHEET C-402

SEE ENLARGED PLAN ON SHEET C-401

N

10' 5' 0 10'

SCALE: 1" = 10'-0"

1 / CS101 CIVIL SITE PLAN
SCALE: : 1" = 10' - 0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KEITH QUOC GIANG LICENSE NO. 49510 STATE OF FLORIDA PROFESSIONAL ENGINEER
10-28-2016
KEITH QUOC GIANG
FLORIDA PE #49510

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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DESIGNED BY: CMA
DRWN BY: CMA
SUBMITTED BY: KWG
DATE: OCTOBER 2016
CKD BY: KQG
FILE NAME: H409CS101.DWG
SIZE: 34 X 22
SOLICITATION NO.: W912BF-16-B-0002
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
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KNK ENGINEERING CONSULTING CORP.
7380 WEST SAND LAKE RD., SUITE 500
ORLANDO, FLORIDA 32819
(407)716 - 7780 CA # 28509

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL SITE PLAN

SHEET IDENTIFICATION NUMBER
CS101

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EXISTING UG STORAGE TANK (20,000 GAL)

CONNECT TO EXISTING CATCH BASIN SEE DETAIL A1 / C-503

POST INDICATOR VALVE, SEE DETAIL C4 / C-501

N 1036041.00
E 2865666.44

SUCTION PIPE WITH CAM-LOK CONNECTION

N 1036042.32
E 2865682.44

EXPANSION JOINT (ALL AROUND)

JOINT TYPE A

CONTAINMENT DISCHARGE PIPING

CD

REMOTE CONTAINMENT BASIN, SEE DETAIL B2 / C-501

BOLLARD (TYP.)

6" CURB

JOINT TYPE A

N 1036023.00
E 2865666.82

N 1036023.32
E 2865682.82

LIGHT POLE, SEE ELECTRICAL DRAWING

3.00'

EQUIP SKID (15'X6')

18"

GATE POST

GATE #3 DOUBLE SWING GATE, 10' WIDE EA. SEE DETAIL A1 / C-506

EXISTING UG OIL/WATER SEPARATOR (6,000 GAL)

EXISTING PAVEMENT JOINT (TYP.)

CONTAINMENT PAD, SEE STRUCTURAL DRAWINGS FOR DETAILS

BEGIN CONTAINMENT PAD AT EXISTING PAVEMENT JOINT,MATCH EXISTING JOINT WIDTH

TRUCK CONTAINMENT PAD (18' X 62')

EXISTING PERIMETER FENCE

CB-1 SEE DETAIL A2 / C-501

8" CURB

SAW CUT ASPHALT PAVEMENT

18'-0"

20'-0"

C1 / C-503

5'-0" TRANSITION CURB, SEE DETAIL A4 / C-503

62'-0" REFUELER LOAD/OFFLOAD

TRANSITION SLAB (9'-3" +/-)

A1 / C-504

1 / C-401 ENLARGED CIVIL SITE PLAN I
SCALE: : 1" = 5' - 0"

N

5' 2.5' 0 5'

SCALE: 1" = 5'-0"

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(407) 716 - 7780 CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ENLARGED CIVIL SITE PLAN I

SHEET IDENTIFICATION NUMBER
C-401

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\2 Civil\Drawing\Sheet Files\07 C-401.dwg LAYOUT NAME: Enlarged Civil Site Plan I PLOTTED: Friday, October 28, 2016 - 2:50pm USER: lho

FOR REVIEW ONLY
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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

PAVEMENT JOINTS:

- (A) DOWELED JOINT, SEE DETAIL C3 / C-503
- (C) TIE LONGITUDINAL JOINT, SEE DETAIL B2 / C-503
- (E) EXPANSION JOINT, SEE DETAIL D3 / S-501

EXISTING GATE #1

JOINT TYPE (A), ALL AROUND

MODIFY EXISTING STORM MANHOLE TO INSTALL MOV, SEE DETAIL B1 / C-507

N 1036053.85
E 2865565.41

FENCE

CLEAN AND FILL EXISTING PIPE WITH CEMENT GROUT

CONNECT TO EXISTING CATCH BASIN, SEE DETAIL A1 / C-503

MATCH EXISTING GRADE (ALL AROUND)

GRASSED AREA

N 1036032.39
E 2865554.26

N 1036029.68
E 2865566.01

N 1036024.04
E 2865577.48

6" Ø PVC CONTAINMENT DISCHARGE PIPE

EXPANSION JOINT WITH FUEL RESISTANT SEALANT

MATCH EXISTING GRADE (TYP.)

8" CURB BY 24" LONG

LATCH POST

3 EQUAL SPACES

Airport Road

MATCH EXISTING GRADE (TYP.)

EXISTING UG OIL/WATER SEPARATOR (6,000 GAL)

EXISTING PAVEMENT JOINT (TYP.)

C1 / C-503

GATE #4 DOUBLE SWING GATE, 10' WIDE EA. SEE DETAIL A1 / C-506

N 1035999.40
E 2865555.22

CONCRETE DRIVEWAY APRON

GATE POST

LINE POST

8" CURB X 24" LONG (TYP.), SEE DETAIL C4 / C-504

EXISTING CURB

EXISTING FENCE

2 EQUAL SPACES

1 / C-402 ENLARGED CIVIL SITE PLAN II
SCALE: : 1" = 5' - 0"

N

5' 0 5'

SCALE: 1" = 5'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

KEITH QUOC GIANG
FLORIDA PE #49510

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: CMH
DRN BY: CMH
CKD BY: QQG
SUBMITTED BY: KWG
FILE NAME: HM09C-402.DWG
SIZE: 34 X 22
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 WINKLER ROAD, SUITE 630
ORLANDO, FLORIDA 32819
(407) 716 - 7780 CA # 28508

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ENLARGED CIVIL SITE PLAN II

SHEET IDENTIFICATION NUMBER
C-402

FILE NAME: C:\Users\iho\appdata\local\temp\AcPublish_360\08 C-402.dwg LAYOUT NAME: Enlarged Civil Site Plan II PLOTTED: Friday, October 28, 2016 - 2:50pm USER: iho

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

EXISTING UG STORAGE TANK (20,000 GAL)

INV. 695.3

MATCH EXISTING GRADE (ALL AROUND)

6" Ø D.I CONTAINMENT DISCHARGE PIPING

MATCH EXISTING GRADE

MATCH EXISTING GRADE

MATCH EXISTING GRADE

MATCH EXISTING GRADE

MATCH EXISTING GRADE

MATCH EXISTING GRADE (ALL AROUND)

SEE STRUCTURE AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

CD

INV. EL. 695.8

695.8

696.0

REMOTE CONTAINMENT BASIN (19'-0"X16'-0")

A2
C-505

INV. EL. 696.0

696.0

696.0

EQUIP SKID

700.3

700.2

700.5

700.3

700.8

1'-0" CURB MATCH EXISTING, EACH END

GATE POST

MATCH EXISTING GRADE (TYP.)

GATE #3 DOUBLE SWING GATE, 10' WIDE EA.

MATCH EXISTING

MATCH EXISTING GRADE EL 700.1 (+/-)

EXISTING UG OIL/WATER SEPARATOR (6,000 GAL)

BEGIN CONTAINMENT PAD AT EXISTING PAVEMENT JOINT, MATCH EXISTING JOINT WIDTH

MATCH EXISTING GRADE EL 700.1 (+/-)

TOC 701.0

MATCH EXISTING TOE

700.0

6" Ø

CD

FLOW

TRUCK CONTAINMENT PAD
(SEE SHEET S-401)

700.9

700.6

700.0

CB-1
TOP EL 699.7
INV EL 696.33

3'

3' ROLLOVER CURB, SEE SHEET C-505

62' REFUELER LOAD/OFFLOAD

3' ROLLOVER CURB, SEE SHEET C-505

6'+/- FIELD VERIFY

TOC 701.0

TOC MATCH EXISTING GRADE

TC 701.36

TC 701.32

TC 701.12

TC 701.01

TC 700.84

GROUND ROD

FUEL TANK

FUEL PIPE

METAL COVER

FUEL TANK ON CONC. ISLAND

GATE

ELECTRIC BOX

VENT TUBE

SENSOR

UNDERGROUND TANK AREA

METAL COVERS

BITUMINOUS SURFACE

1 C-403 ENLARGED CIVIL PLAN - SITE DRAINAGE
SCALE: : 1" = 5' - 0"

N

5' 2.5' 0 5'

SCALE: 1" = 5'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

KEITH QUOC GIANG
FLORIDA PE #49510

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-15-R-0045
CONTRACT NO.: W912BF-15-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016
DESIGNED BY: CMH
DWN BY: CMH
CKD BY: CQG
SUBMITTED BY: KWG
FILE NAME: HM09C-403.DWG
PLOT SCALE: AS SHOWN
SIZE: 34 X 22

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

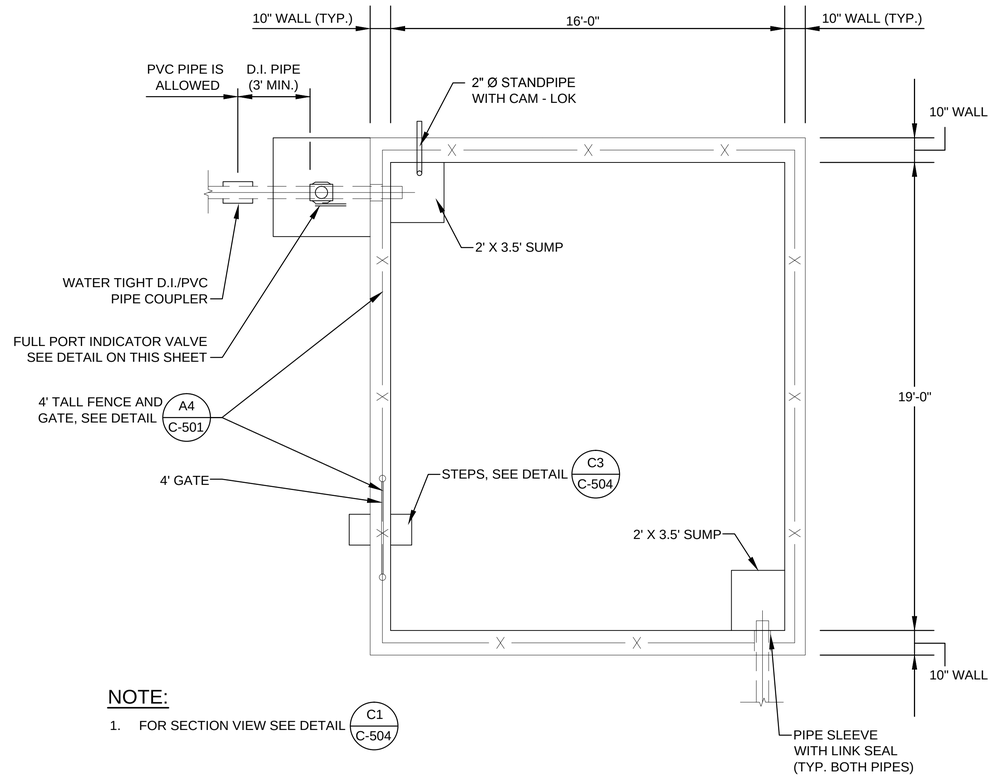
KNK
KNK ENGINEERING CONSULTING CORP.
7380 WEST SAND LAKE ROAD, SUITE 500
ORLANDO, FLORIDA 32819
(407) 716 - 7780, CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ENLARGED CIVIL PLAN - SITE DRAINAGE

SHEET IDENTIFICATION NUMBER
C-403

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"



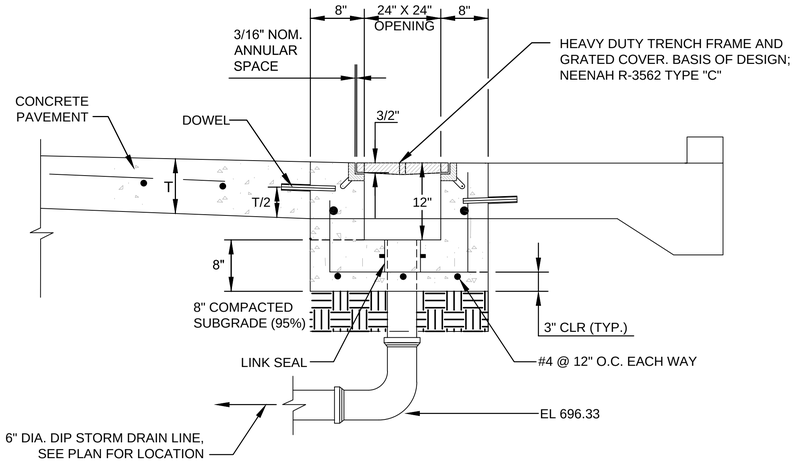
NOTE:

1. FOR SECTION VIEW SEE DETAIL C1 C-504

B2 REMOTE CONTAINMENT BASIN DETAIL

SCALE: NOT TO SCALE

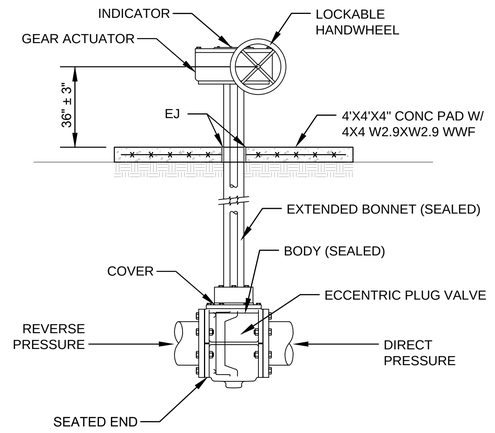
C-504, C-401



A2 CATCH BASIN CB-1 DETAIL

SCALE: NOT TO SCALE

C-501, C-401



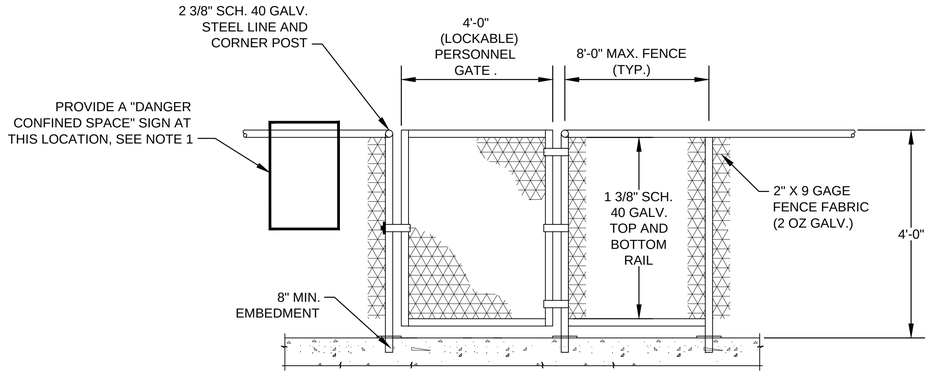
NOTE:

1. 100% PORT ECCENTRIC PLUG VALVE SHALL CONFORM TO AWWA C517 AND BE RESISTANT TO HYDROCARBONS (NITRILE RUBBER SEALS). GEAR ACTUATOR BOX WITH HANDWHEEL SHALL BE LOCKABLE. FLANGE JOINT OR MECHANICAL JOINT CONNECTION WITH PIPES IS ALLOWED.

C4 FULL POST INDICATOR VALVE DETAIL

SCALE: NOT TO SCALE

C-401



NOTE:

1. PROVIDE A HEAVY DUTY REFLECTIVE ALUMINUM SIGN WITH WORDING "DANGER CONFINED SPACE". MINIMUM SIGN DIMENSION IS 12" X 18". PROVIDE TWO 18" LONG UNI-STRUT BACKING FOR ATTACHING THE SIGN TO THE FENCE. PROVIDE 4 BOLTS WITH ISOLATION WASHER BETWEEN THE GALVANIZED BOLTS AND THE ALUMINUM SIGN.

A4 FENCE AND GATE DETAIL

SCALE: NOT TO SCALE

C-501

KEITH QUOC GIANG LICENSE NO. 49510 STATE OF FLORIDA PROFESSIONAL ENGINEER
10-28-2016
KEITH QUOC GIANG
FLORIDA PE #49510

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0043
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016
DESIGNED BY: CMH
DWN BY: DWH
CKD BY: QG
SUBMITTED BY: KWG
FILE NAME: HM09C-501.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

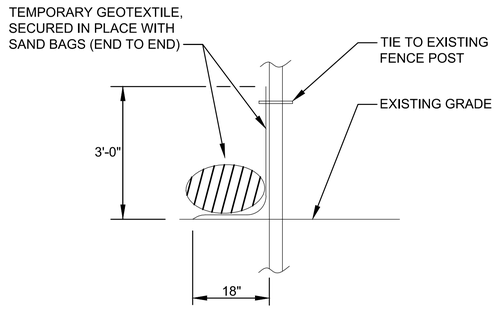
KNK ENGINEERING CONSULTING CORP.
7380 W. SAND LAKE ROAD, SUITE 500
ORLANDO, FLORIDA 32819
(407) 716 - 7780 CA # 28509

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

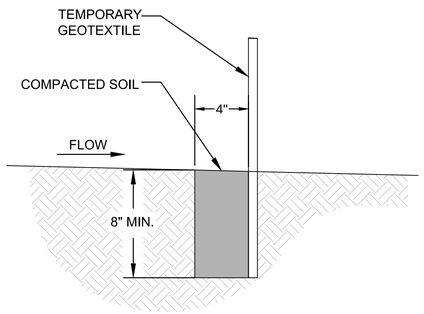
CIVIL DETAILS I

SHEET IDENTIFICATION NUMBER
C-501

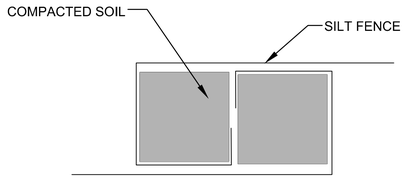
FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"



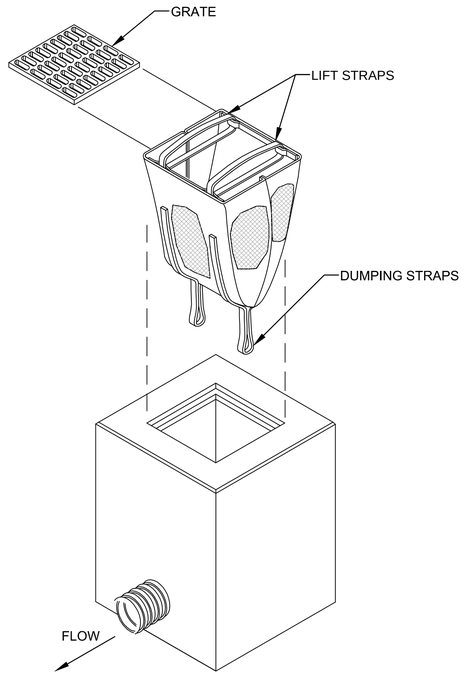
C1 SILT FENCE ALONG EXISTING FENCE TO REMAIN
SCALE: NOT TO SCALE
CD101



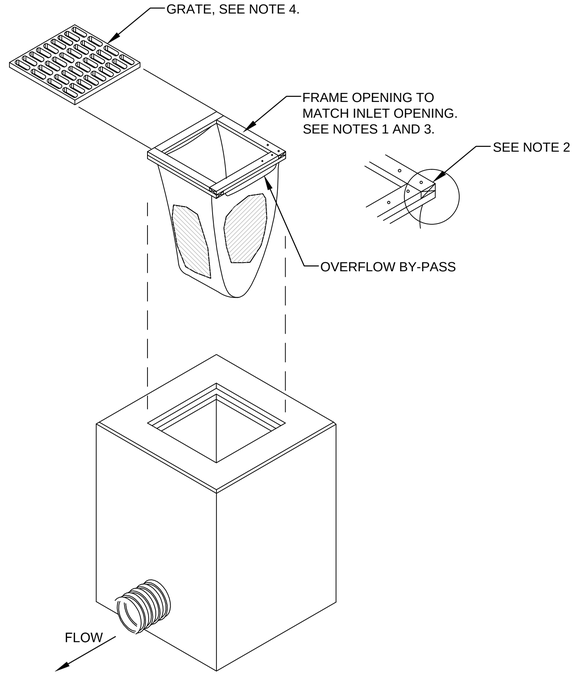
SECTION A-A



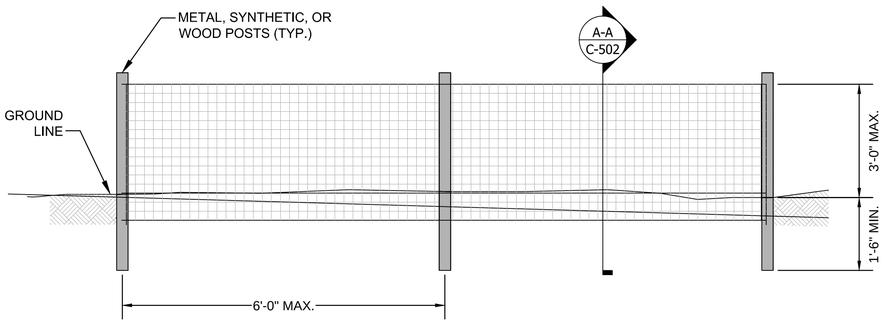
JOINT DETAIL PLAN VIEW



MANUFACTURED



BUILT IN FIELD



SILT FENCE ELEVATION

A1 TEMPORARY SILT FENCE DETAIL
SCALE: NOT TO SCALE
C-502

NOTES:

1. FRAME OPENING SIZED TO MATCH INLET OPENING.
2. GEOTEXTILE BAG SHALL BE FABRICATED FROM PIECES OF GEOTEXTILE 2 TIMES THE OPENING SIZE PUSHED THROUGH OPENING TO FORM WEEPHOLE. SECURED BY NAILS.
3. FRAME WITH BAG TO BE PLACED OVER EXISTING SQUARE OR ROUND INLET OPENING.
4. BAG FRAME SHALL BE SECURED IN PLACE BY WEIGHT OF INLET GRATE. GRATE MAY BE ROTATED TO 45° TO THE BAG'S FRAME.

A3 TEMPORARY EROSION CONTROL INLET BAG PROTECTION DETAIL
SCALE: NOT TO SCALE
C-502

KEITH QUOC GIANG
LICENSE
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10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
KEITH QUOC GIANG
FLORIDA PE #49510

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: DMM
DRWN BY: DMM
SUBMITTED BY: KWG
FILE NAME: HM09C-502.DWG
SIZE: 34 X 22
CKD BY: DMM
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0065
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

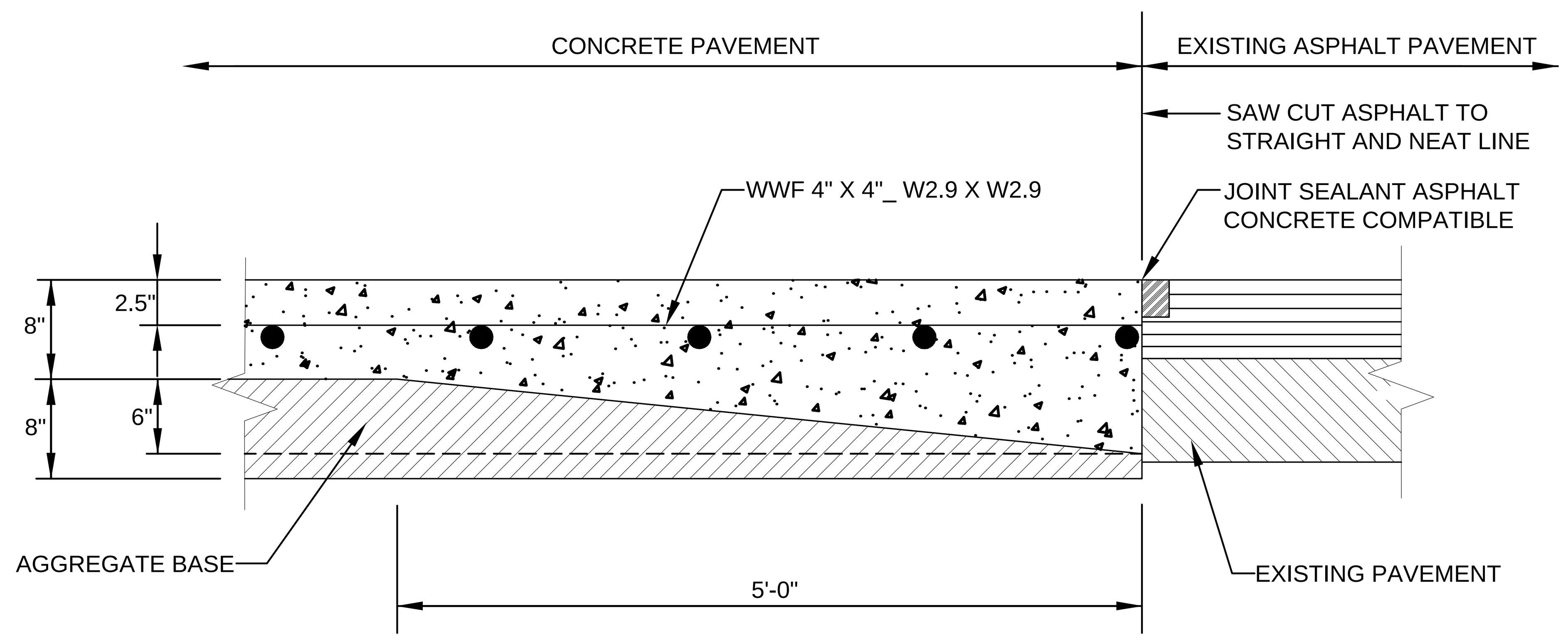
KQK ENGINEERING CONSULTING CORP.
7380 ISELIN AVENUE, LAKE MARY, SUITE 550
ORLANDO, FLORIDA 32819
(407) 716 - 7780 - CA # 28926

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

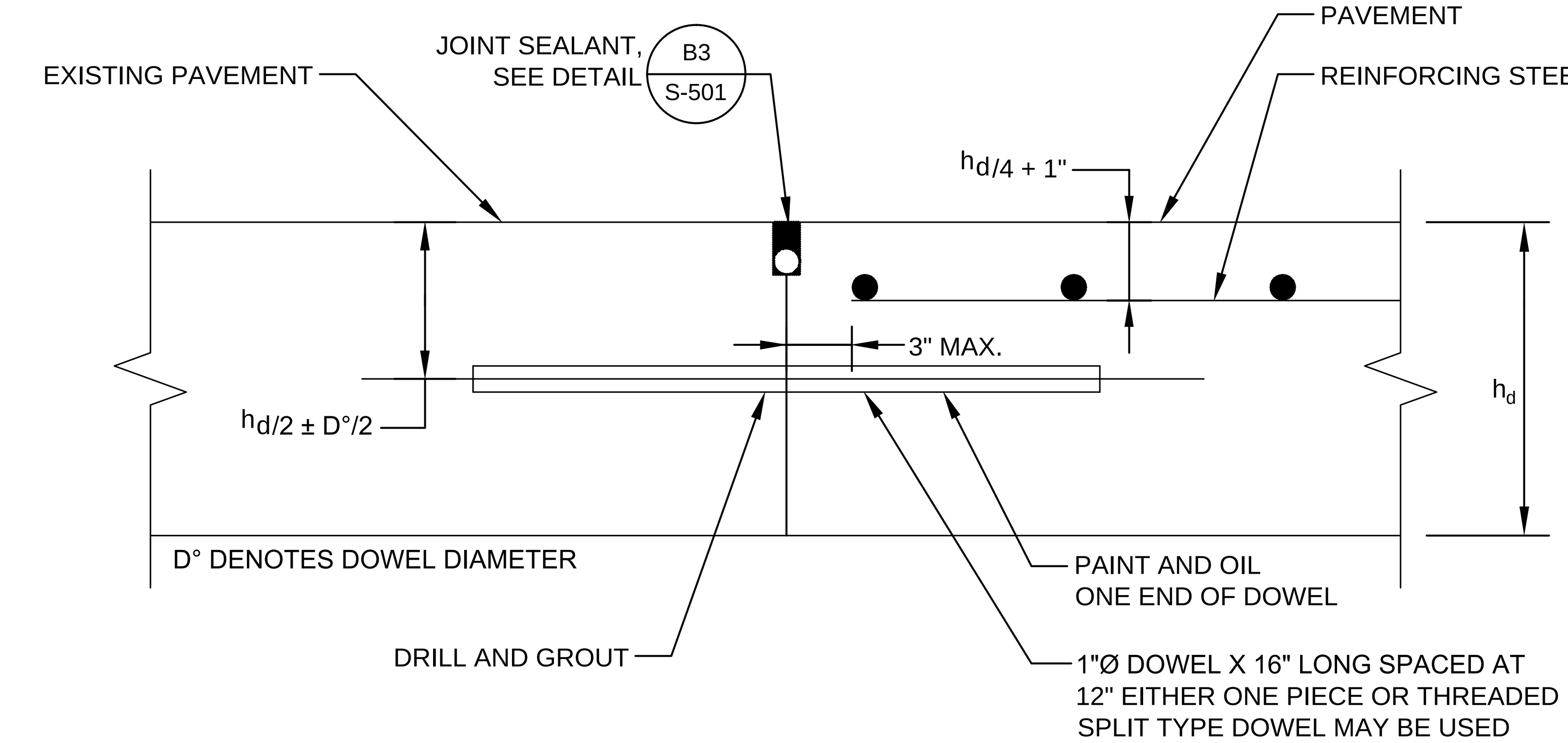
CIVIL DETAILS II

SHEET IDENTIFICATION NUMBER
C-502

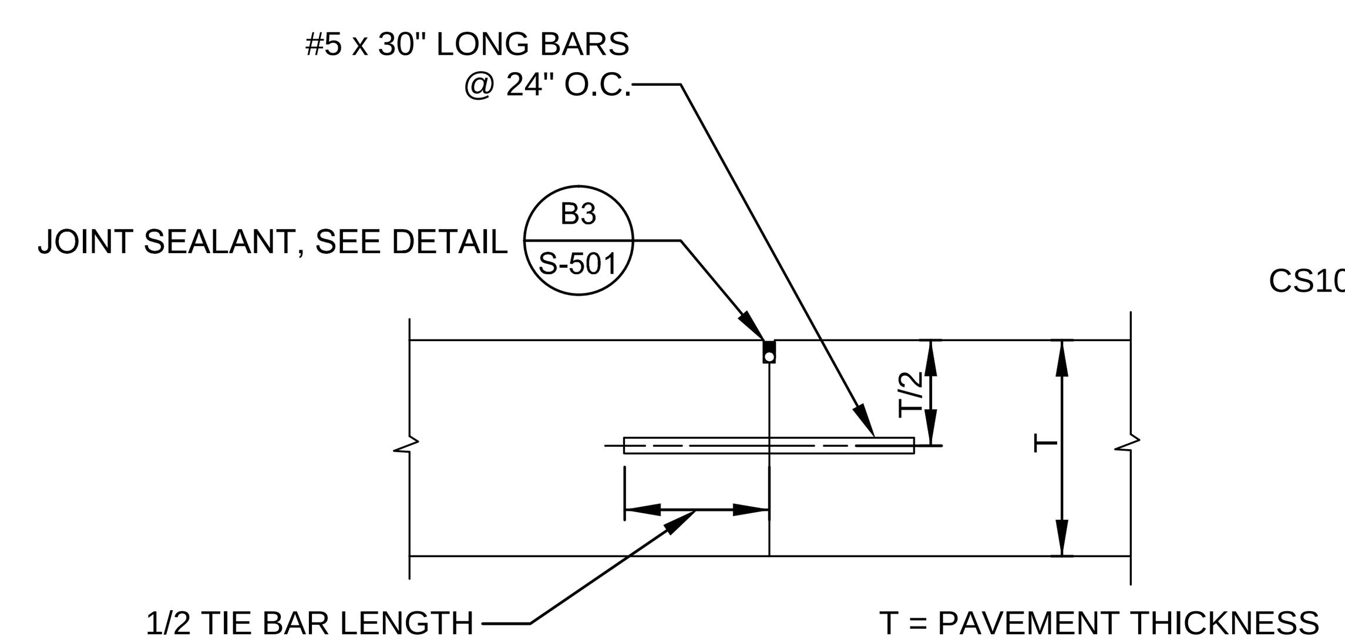
FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"



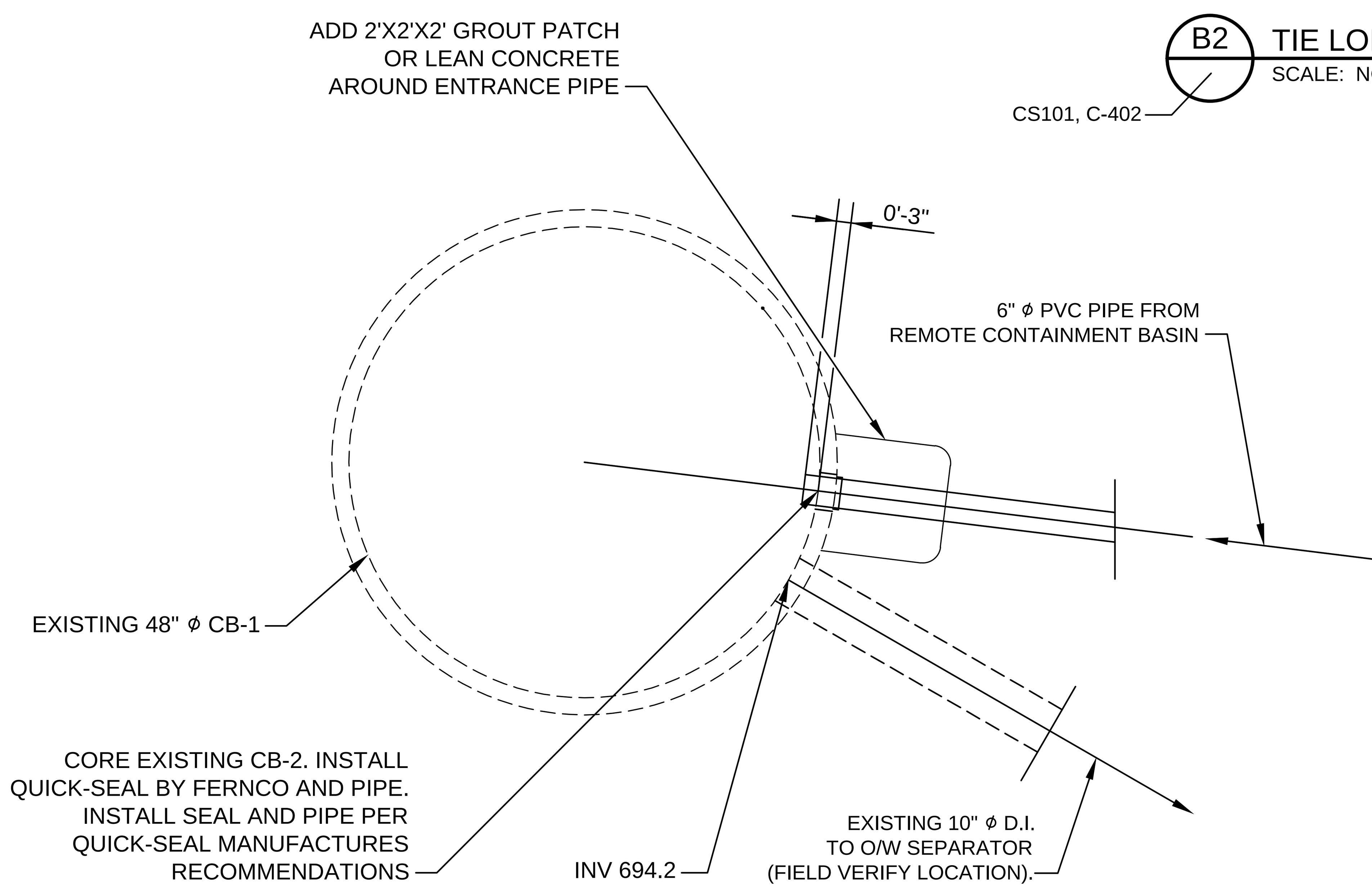
C1 CONCRETE - ASPHALT JOINT
SCALE: NOT TO SCALE
C-401



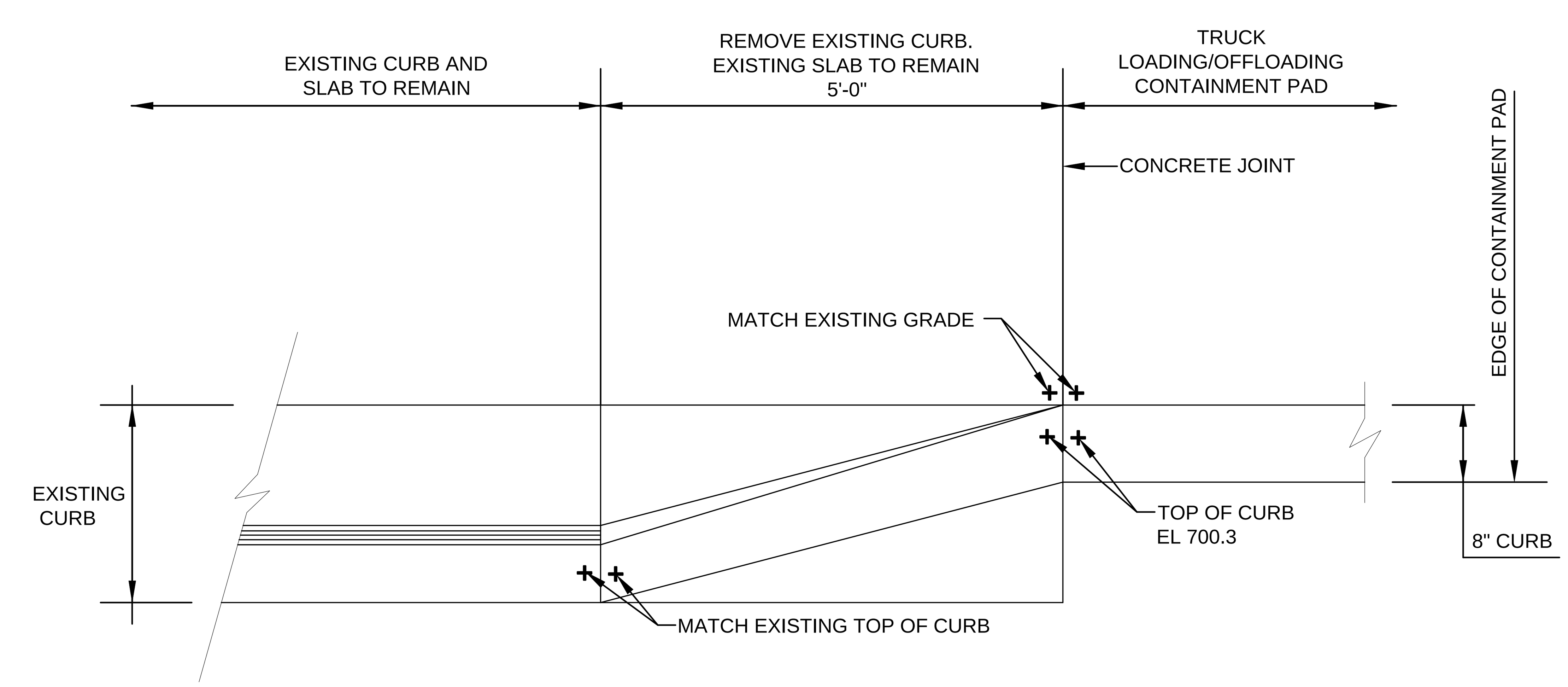
C3 DOWELED JOINT BETWEEN EXISTING AND NEW CONSTRUCTION JOINTS DETAIL
SCALE: NOT TO SCALE
CS101, C-503



B2 TIE LONGITUDINAL JOINT DETAIL
SCALE: NOT TO SCALE
CS101, C-402



A1 CATCH BASIN DETAIL
SCALE: NOT TO SCALE
C-401 & C-402



A4 TRANSITION CURB DETAIL
SCALE: NOT TO SCALE
C-401

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KEITH QUOC GIANG LICENSE NO. 49510 10-28-2016 STATE OF FLORIDA PROFESSIONAL ENGINEER
KEITH QUOC GIANG
FLORIDA PE #49510

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: CMN | DWN BY: CMN | CKD BY: KQG | SUBMITTED BY: KWG | FILE NAME: HM09C-503.DWG | SIZE: 34 X 22 | PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016 | SOLICITATION NO.: W9128F-16-R-0045 | CONTRACT NO.: W9128F-16-C-0039 | FILE NUMBER: F125-90-01 | PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

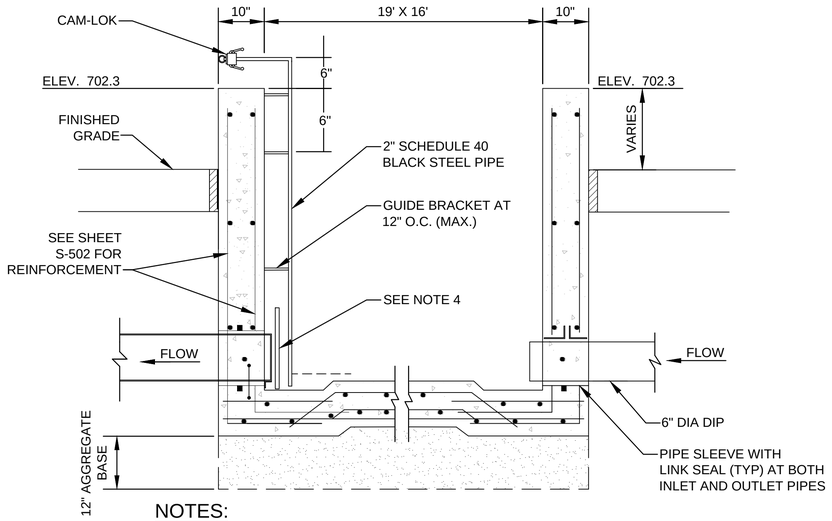
KNK
KNK ENGINEERING CONSULTING CORP.
7380 WEST SAND LAKE ROAD, SUITE 500
ORLANDO, FLORIDA 32819
(407) 716 - 7780; CA #: 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL DETAILS III

SHEET IDENTIFICATION NUMBER
C-503

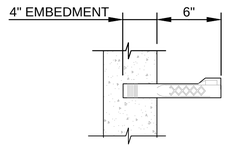
FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"



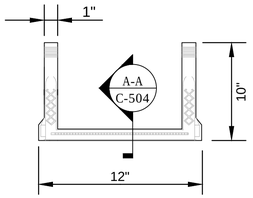
NOTES:

1. HARDWARE CLOTH SCREEN SHALL BE SLOTTED FOR THE STAND PIPE TO ALLOW FOR EASY REMOVAL. A 1.5" x 1/4" GALV. STEEL ANGLE SHALL BE PROVIDED TO SUPPORT THE WIRE CLOTH AT THE VERTICAL WALL.
2. CHAIN LINK FENCE NOT SHOWN.
3. SEE STRUCTURAL DRAWING SHEET S-502 FOR DETAILS.
4. TRASH SCREEN OVER OUTLET PIPE AND SUMP WITH ANGLE SUPPORT ATTACHED TO CONTAINMENT WALLS. CAST IRON GRATE NEENAH R-7512 OR APPROVED EQUAL MAYBE USED IN LIEU OF THE TRASH SCREEN OVER OUTLET PIPE.

C1 SECTION
SCALE: NOT TO SCALE
C-501



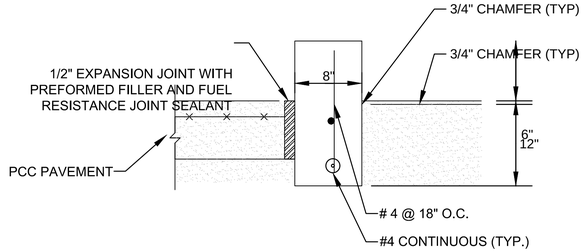
SECTION A-A



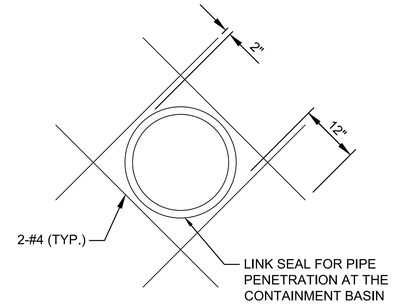
NOTE:

1. NEENAH FOUNDRY MODEL R-1981-J WIDE TREAD OR APPROVED EQUAL.

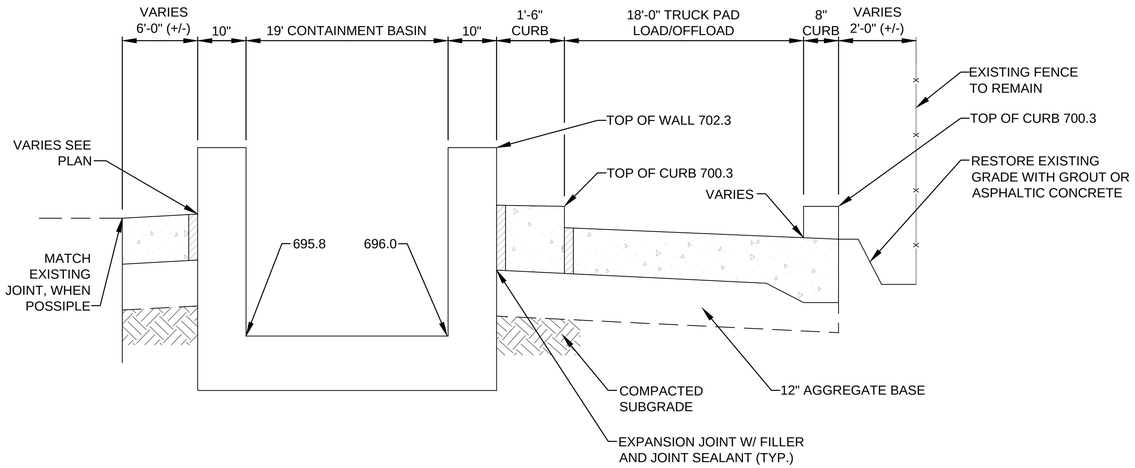
C3 STEP DETAIL
SCALE: NOT TO SCALE
C-501



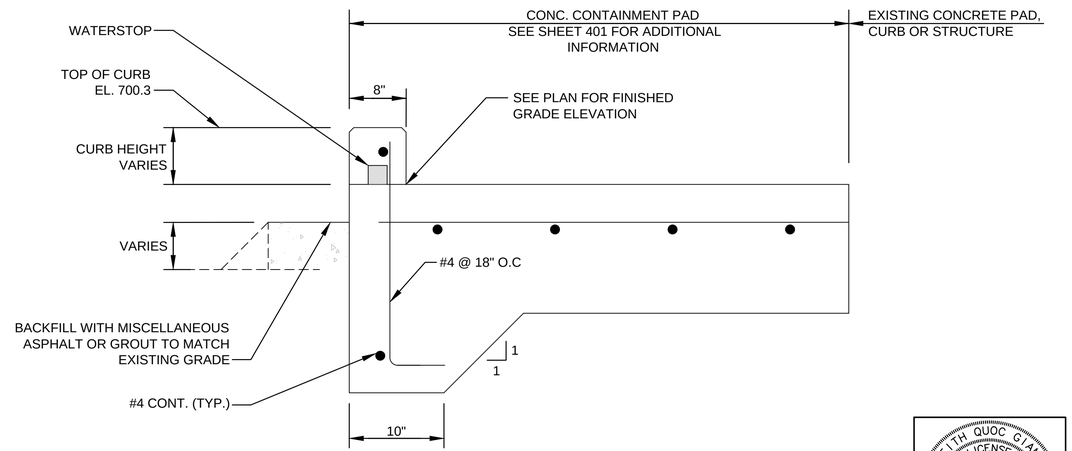
C4 CONCRETE PAVEMENT DETAIL
SCALE: NOT TO SCALE
C-402



B4 CONCRETE PENETRATION DETAIL
SCALE: NOT TO SCALE
C-501



A1 SECTION
SCALE: NOT TO SCALE
C-401



A4 SECTION
SCALE: NOT TO SCALE
C-504

KEITH QUOC GIANG LICENSE NO. 49510 10-28-2016 STATE OF FLORIDA PROFESSIONAL ENGINEER
KEITH QUOC GIANG
FLORIDA PE #49510

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: CWH
DRWN BY: CWH
CKD BY: KQG
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0006
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F12S-90-01
FILE NAME: H4090-504.DWG
PLOT DATE: 10/28/2016
SIZE: 34 X 22
PLOT SCALE: AS SHOWN

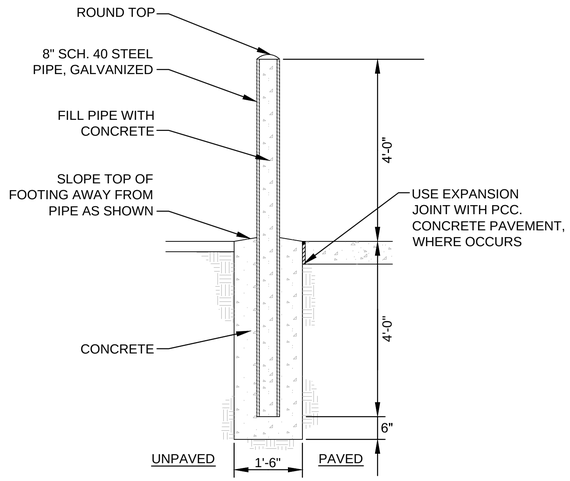
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 WEST SAND LAKE RD., SUITE 500
ORLANDO, FLORIDA 32819
(407) 716-1789 CA # 29509

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL DETAILS IV

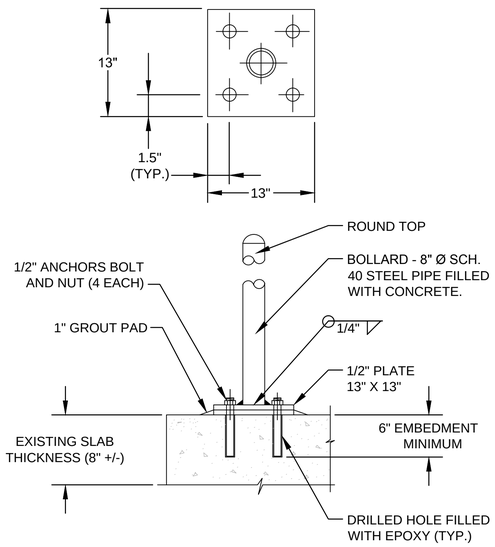
SHEET IDENTIFICATION NUMBER
C-504



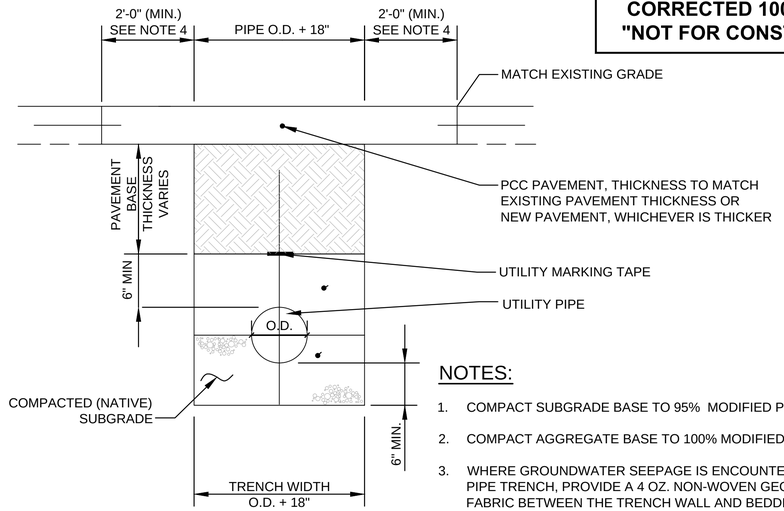
NOTES:

1. WRAP PIPE WITH 30 LB FELT PAPER BELOW GRADE.
2. PIPE BOLLARD SHALL BE PAINTED YELLOW. PREFORMED YELLOW COLOR PLASTIC COVER IS ALLOWED SUBSTITUTION.

C1 PIPE BOLLARD DETAIL
SCALE: NOT TO SCALE
C-505



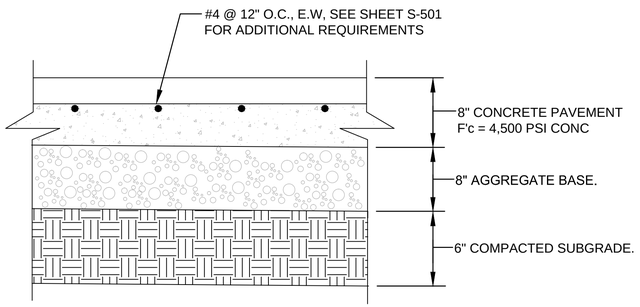
C2 BOLLARD ON EXISTING SLAB
SCALE: NOT TO SCALE
C-505



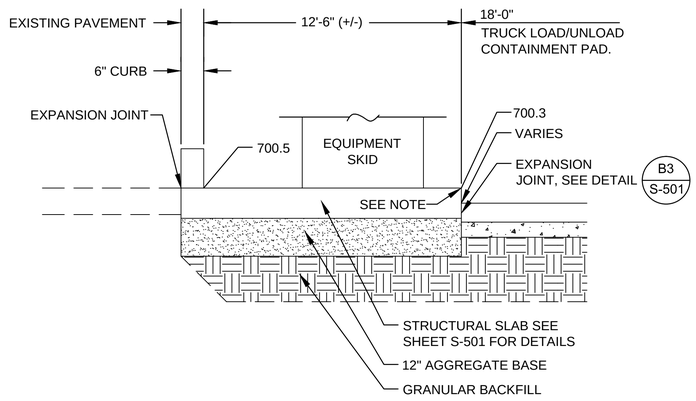
NOTES:

1. COMPACT SUBGRADE BASE TO 95% MODIFIED PROCTOR.
2. COMPACT AGGREGATE BASE TO 100% MODIFIED PROCTOR.
3. WHERE GROUNDWATER SEEPAGE IS ENCOUNTERED IN THE PIPE TRENCH, PROVIDE A 4 OZ. NON-WOVEN GEOTEXTILE FABRIC BETWEEN THE TRENCH WALL AND BEDDING MATERIAL TO PREVENT POTENTIAL SOIL MIGRATION.
4. SEE PLAN FOR LIMITS OF PCC PAVEMENT REMOVAL AND REPLACEMENT

C4 UTILITY TRENCH DETAIL
SCALE: NOT TO SCALE
C-504



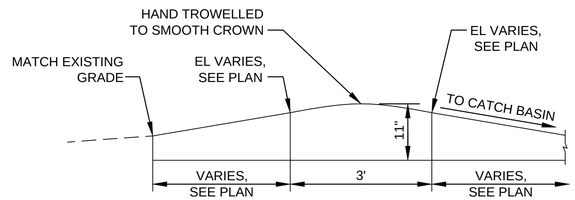
A1 CONCRETE PAVEMENT DETAIL
SCALE: NOT TO SCALE
C-505



NOTE:

1. APPLY YELLOW PAINT TO EXPOSE VERTICAL SURFACE ALONG THE REFUELER LOADING/OFFLOADING PAD. APPLY A 6-INCHES WIDE STRIP ON TOP OF THE CONCRETE SLABS ALONG THE REFUELER LOADING/OFFLOADING PAD.

A2 CONCRETE PAVEMENT DETAIL
SCALE: NOT TO SCALE
C-403



T = PAVEMENT THICKNESS

A4 ROLLOVER CURB DETAIL
SCALE: NOT TO SCALE
C-403

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

KEITH QUOC GIANG
FLORIDA PE #49510

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: CMH
DRWN BY: CMH
SUBMITTED BY: KWG
FILE NAME: HM09C-505.DWG
SIZE: 34 X 22
CKD BY: KQG
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0042
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

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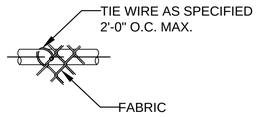
(407) 716-1789 CA # 29509

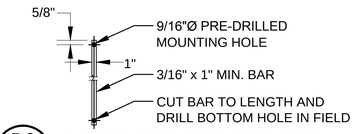
FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL DETAILS V

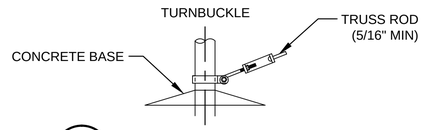
SHEET IDENTIFICATION NUMBER
C-505



D1 WIRE TIES FOR BRACE RAIL
SCALE: NOT TO SCALE
C-506



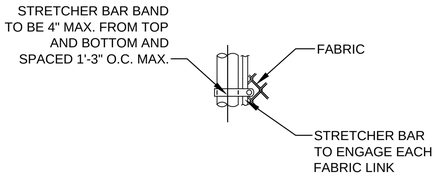
D2 SAFETY SPACER BAR DETAIL
SCALE: NOT TO SCALE
C-506



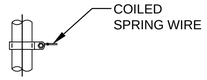
D3 TRUSS ROD & BAND
SCALE: NOT TO SCALE
C-506

GENERAL NOTES:

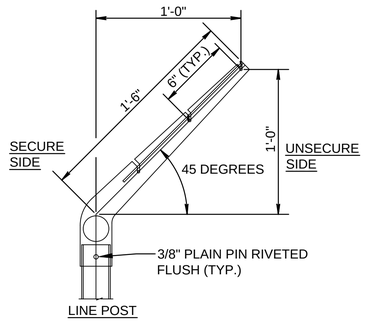
1. GATE COMPONENTS SHALL MEET OR EXCEED THE PROTECTIVE COATINGS SPECIFIED.
2. STEEL GATE FRAME SHALL BE FABRICATED PRIOR TO GALVANIZING, EXCEPT THAT TRUSS RODS MAY BE FABRICATED FOLLOWING FRAME GALVANIZING PROVIDED SURFACES DAMAGED DURING WELDING ARE REPAIRED IN ACCORDANCE WITH REQUIREMENTS INDICATED IN SPECIFICATION.
3. ALL FABRIC SHALL BE KNUCKLED TOP AND BOTTOM SELVAGES.
4. CONCRETE FOR BASES SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.



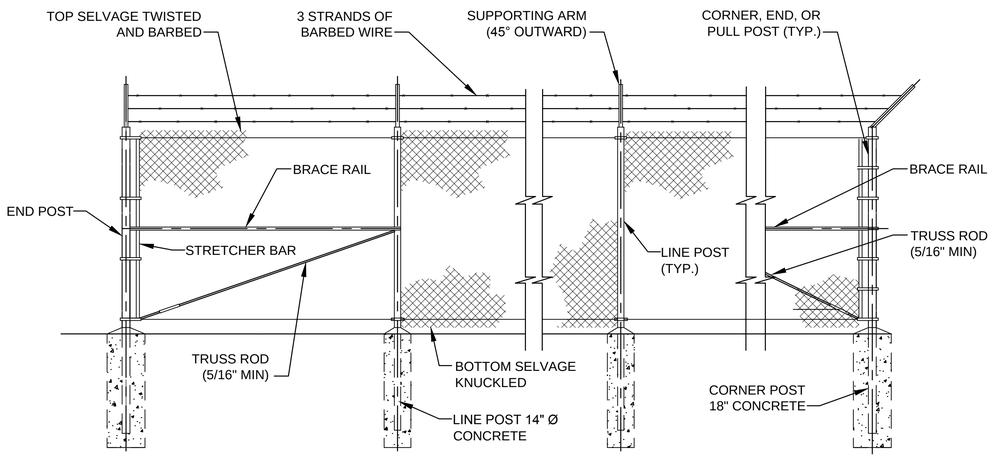
C1 END OF GATE POST DETAIL
SCALE: NOT TO SCALE
C-506

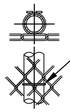


C2 BAND FOR WIRE STRETCHING
SCALE: NOT TO SCALE
C-506

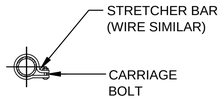


C3 BARB WIRE SUPPORT ARM
SCALE: NOT TO SCALE
C-506





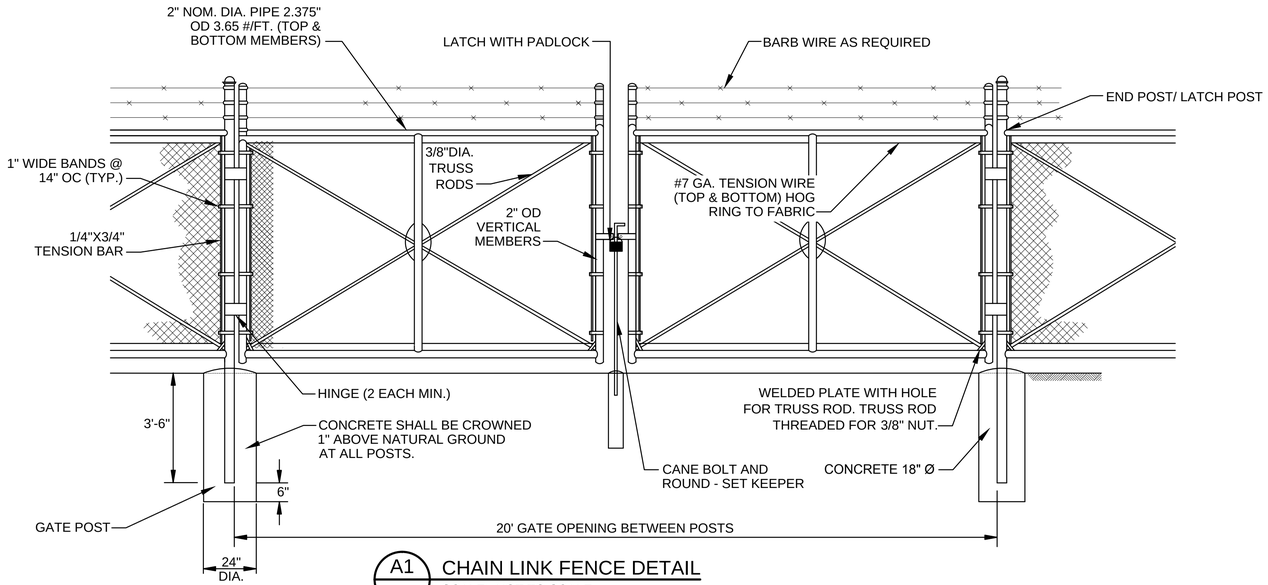
B1 CLAMP FOR BRACE RAILPOST ATTACHMENTS
SCALE: NOT TO SCALE
C-506



B3 PLAN AT BANDS
SCALE: NOT TO SCALE
C-506

STEEL POST SCHEDULE	
USE AND SECTION	MINIMUM OUTSIDE DIMENSIONS (NOMINAL) FABRIC 72" TO 96"
CORNER, END & PULL POSTS TUBULAR - ROUND	2.875" O.D.
LINE POSTS TUBULAR - ROUND	2.375" O.D.
TOP, BOTTOM & BRACE RAILS TUBULAR - ROUND	1.66" O.D.
GATE POST	3.5" O.D.

B4 CHAIN LINK FENCE DETAIL
SCALE: NOT TO SCALE
C-506



A1 CHAIN LINK FENCE DETAIL
SCALE: NOT TO SCALE
C-401 & C-402

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

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US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

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DESIGNED BY: CMH
DRN BY: CMH
CHKD BY: KQG
SUBMITTED BY: KWG
FILE NAME: HM06C-506.DWG
PLOT SCALE: AS SHOWN
SIZE: 34 X 22
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0006
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

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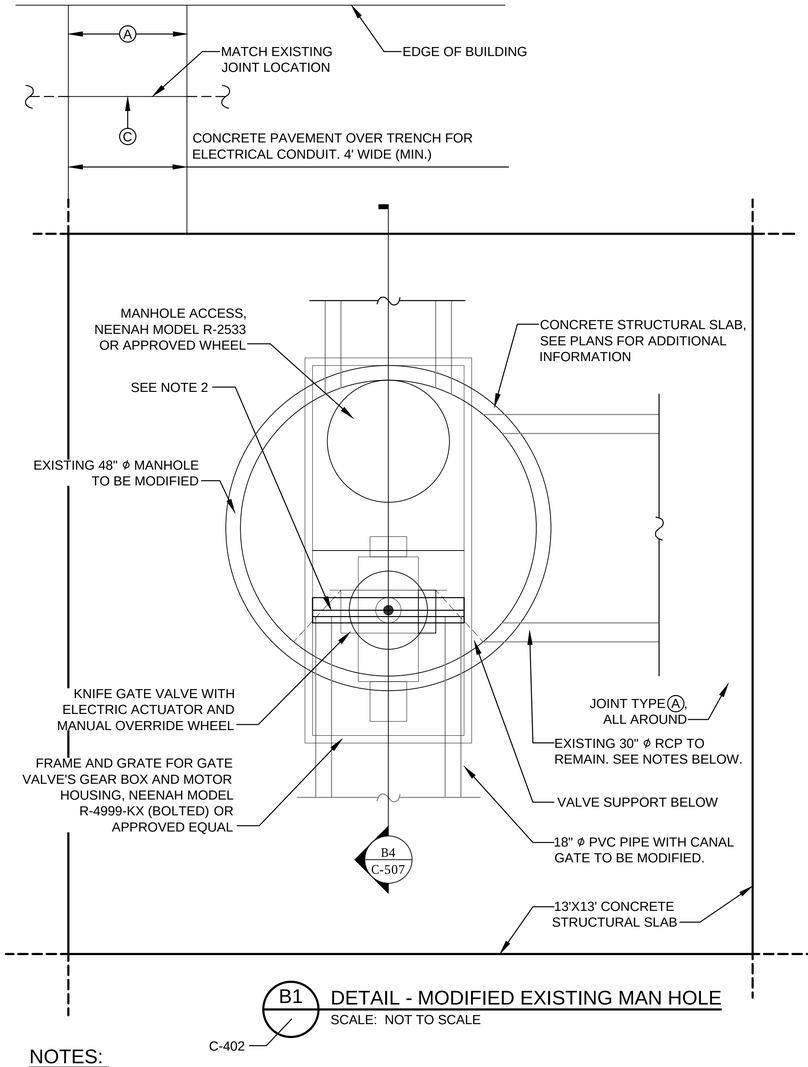
FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL DETAILS VI

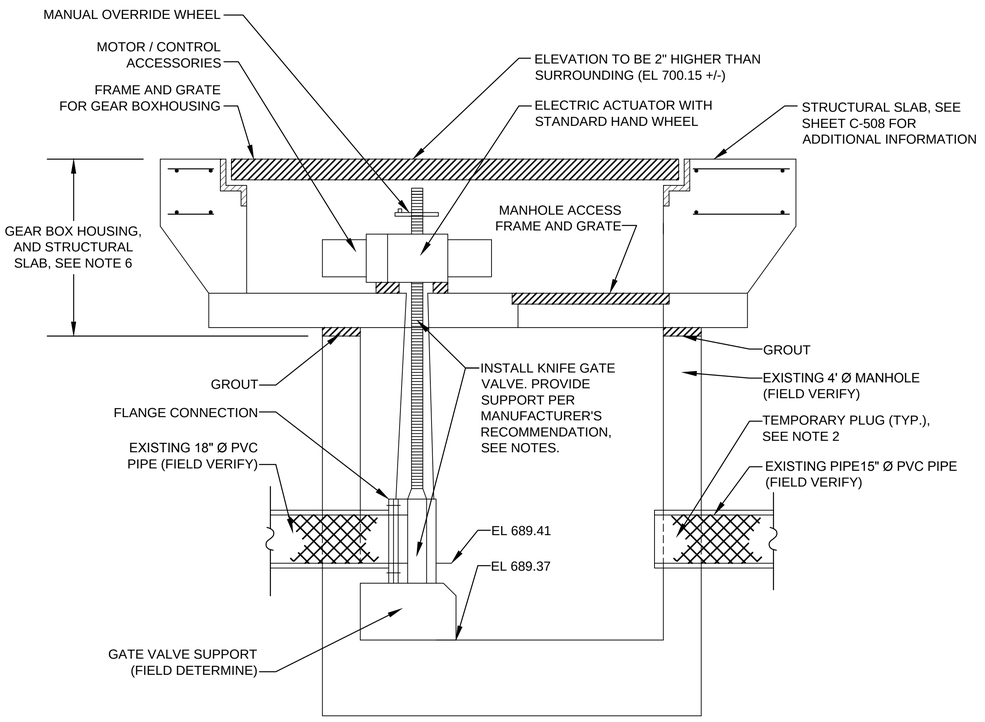
SHEET IDENTIFICATION NUMBER
C-506

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

KEITH QUOC GIANG
FLORIDA PE #49510



B1 DETAIL - MODIFIED EXISTING MAN HOLE
SCALE: NOT TO SCALE
C-402



B4 SECTION
SCALE: NOT TO SCALE
C-507

NOTES:

1. HISTORICAL DRAWINGS (PROJECT 97-165A, MINNESOTA DEPARTMENT OF MILITARY AFFAIRS, 4-11-2001, AS DESIGNED BY LOUCKS AND ASSOCIATES) INDICATE THE EXISTING CANAL GATE IS A WATERMAN CANAL GATE, MODEL C-20 OR APPROVED EQUAL. AS-BUILT DRAWING ARE NOT AVAILABLE AT THE THIS TIME. THE CONTRACTOR SHALL VISIT THE SITE TAKE NECESSARY MEASUREMENTS AND INSPECT THE CONDITIONS OF THE MANHOLE AND GATE PRIOR TO FABRICATING NEW VALVE AND SUPPORT STRUCTURES.

2. THE CONTRACTOR SHALL INSTALL TEMPORARY PLUGS TO ALL INCOMING AND OUT-GOING PIPES AT THIS MANHOLE AND AT THE PIPE OF THE IMMEDIATE UPSTREAM MAHHOLE, CATCH BASIN OR INLET THAT DRAINS TO THIS MANHOLE. SEE REFERENCE DRAWINGS FOR LOCATIONS OF THESE DRAINAGE STRUCTURES. THE TEMPORARY PLUGS SHALL BE IN PLACE TO ENSURE THE WORK ARE BEING PERFORMED IN THE DRY. REMOVE THE TEMPORARY PLUGS WHEN THE NEW VALVE AND ITS SUPPORTS ARE SECURELY INSTALLED. REMOVE THE TEMPORARY PLUGS WHEN INCLEMENT WEATHER IS APPROACHING OR WHEN DIRECTED BY THE FACILITY OPERATOR. PROVIDE MEANS TO PREVENT SURFACE WATER FROM ENTERING THE WORK AREA.

3. THE EXISTING MANHOLE SURFACE SHALL BE WATER BLASTED CLEAN AND ALL THE WATER SHALL BE REMOVED AND BE DISPOSED IN A LEGAL MANNER.

4. REMOVE THE EXISTING CANAL GATE. PROTECT THE EXISTING PIPE FLANGE, IF PRESENT. IN THE EVENT THE EXISTING PIPE FLANGE IS DAMAGED OR NOT PRESENT, PROVIDE A FLANGE ADAPTER COMPATIBLE WITH THE EXISTING PIPE MATERIAL AND TO THE SELECTED KNIFE GATE VALVE. ENSURE THE CONNECTIONS ARE WATER TIGHT.

5. THE KNIFE GATE VALVE AND MOTORIZED ACTUATOR (MOV) SHALL HAVE THE FOLLOWING DESIGN FEATURES:

   a. KNIFE GATE VALVE MEETING AWWA C520 OR MSS SP-81
   b. BONNETED KNIFE GATE VALVE WITH DRIP-TIGHT SHUTOFF.
   c. EXPLOSION-PROOF RATING ELECTRIC ACTUATOR.
   d. MAXIMUM ALLOWABLE TIME FOR OPENING OR CLOSING THE VALVE VIA THE ELECTRIC ACTUATOR IS 90 SECONDS.

6. REMOVE TOP OF THE EXISTING MANHOLE TO LIMITS NECESSARY FOR THE CONSTRUCTION OF THE COVERING STRUCTURAL SLAB AND THE MOV HOUSING. INSPECT AND REPAIR ANY DAMAGE TO THE EXISTING MANHOLE PRIOR TO CONSTRUCTING THE STRUCTURAL SLAB.

7. SEE SHEET C-508 FOR ADDITIONAL REQUIREMENTS.

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF FLORIDA
PROFESSIONAL ENGINEER
KEITH QUOC GIANG
FLORIDA PE #49510

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: DMA
DWN BY: DMA
CKD BY: KQG
SUBMITTED BY: KWG
FILE NAME: HM09C-507.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0006
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL DETAILS VII

SHEET IDENTIFICATION NUMBER
C-507

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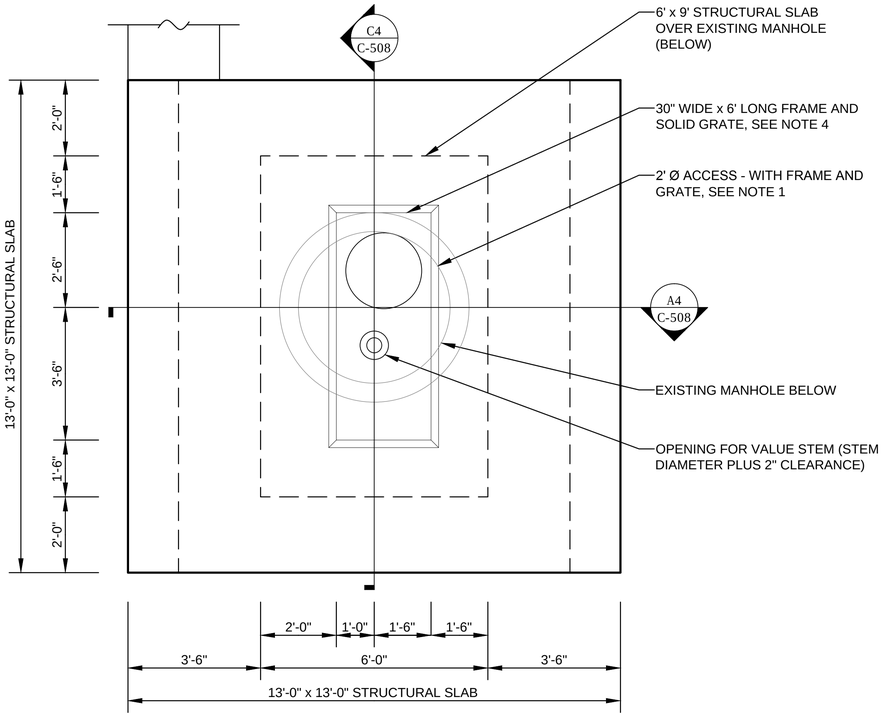
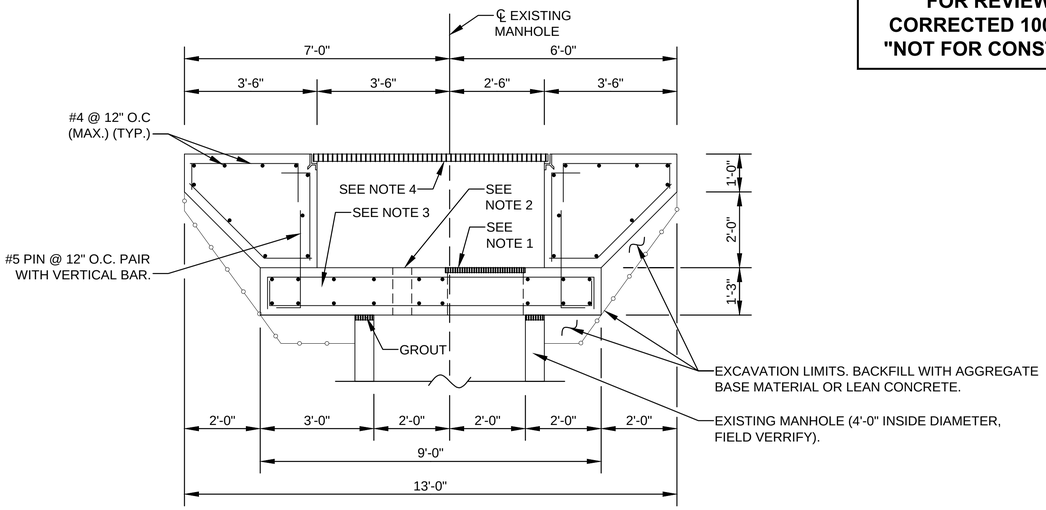
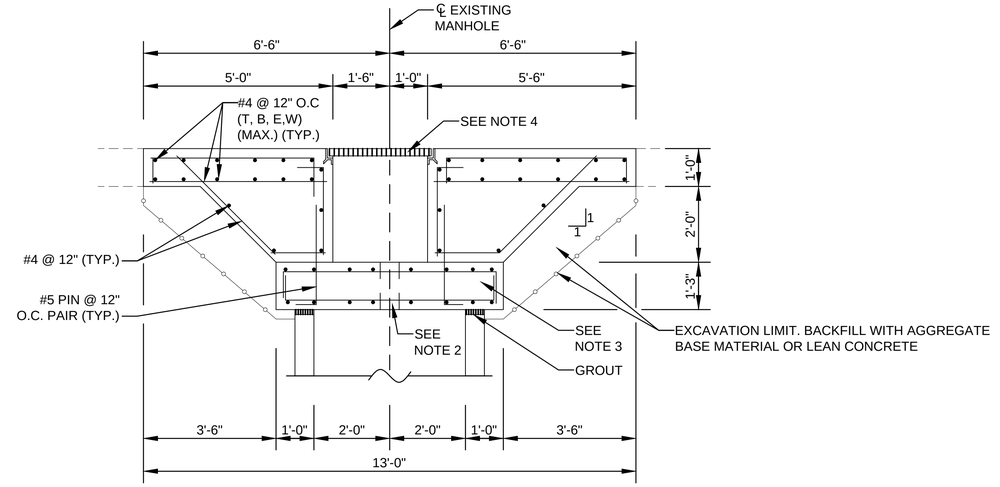


B1 STRUCTURAL SLAB
SCALE: 1" = 2'-0"
C-508



C4 SECTION
SCALE: 1" = 2'-0"
C-508



A4 SECTION
SCALE: 1" = 2'-0"
C-508

NOTES:

1. 2'-0" DIAMETER ACCESS OPENING. COVER WITH CAST IRON FRAME AND GRATE - NEENAH MODEL R-1458-BD, OR APPROVED EQUAL.
2. OPENING FOR GATE VALVE STEM. COORDINATE LOCATION WITH FINAL GATE VALVE STEM LOCATION.
3. 6' x 9' x 1.25' THICK STRUCTURAL SLAB, REINFORCED WITH #5 WITH HOOKED ENDS @ 12" O.C. MAX. STRUCTURAL SLAB CAN BE PRECAST OR CAST IN PLACE.
4. CAST IRON FRAME AND GRATE OVER MOV HOUSING. NEENAH MODEL R-4999-KX (BOLTED), OR APPROVED EQUAL.

2' 1' 0 2'
SCALE: 1" = 2'-0"

KEITH QUOC GIANG
LICENSE
NO. 49510
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
KEITH QUOC GIANG
FLORIDA PE #49510

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: CMH
DRAWN BY: CMH
SUBMITTED BY: KWG
FILE NAME: HM06C-508.DWG
SIZE: 34 X 22
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0006
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F12S-90-01
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK
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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CIVIL DETAILS VIII

SHEET IDENTIFICATION NUMBER
C-508

DRAWINGS AND SPECIFICATIONS:

1. DO NOT SCALE DRAWINGS FOR DIMENSIONS NOT GIVEN.
2. ADVISE ENGINEER OF DIMENSIONAL DISCREPANCIES.
3. VERIFY ALL EXISTING FIELD CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK AT ANY TIME WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES FOR SUCH PORTION OF THE WORK.

CONSTRUCTION SAFETY:

1. THESE DRAWINGS DO NOT INCLUDE PROVISIONS TO SATISFY SAFETY REQUIREMENTS. CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING SAFETY DURING CONSTRUCTION AND FOR CONFORMANCE TO ALL APPLICABLE OSHA STANDARDS AND OTHER APPLICABLE CODES. JOBSITE VISITS BY ENGINEER SHALL NOT CONSTITUTE APPROVAL, AWARENESS OR LIABILITY FOR ANY HAZARDOUS CONDITIONS.

SHORING AND SUPPORT:

1. WHEN REMOVAL OF STRUCTURAL ELEMENTS FOR MODIFICATIONS MAY CAUSE TEMPORARY WEAKNESS, EXCESSIVE DEFLECTIONS OR STRUCTURAL INSTABILITY, SHORING OR OTHER SUITABLE SUPPORTS SHALL BE PROVIDED UNTIL COMPLETION AND ADEQUATE CURING OF MODIFICATIONS.

FIELD MODIFICATIONS:

1. ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.
2. CONTRACTOR SHALL PROVIDE SKETCHES, PHOTOGRAPHS AND WRITTEN DESCRIPTION OF EACH DEVIATION FROM THE PLANS FOR THE ENGINEER'S REVIEW.

FOUNDATIONS:

1. NOTIFY ENGINEER IF FOOTING EXCAVATION REVEALS UNSUITABLE OR UNSTABLE SOILS OR MATERIALS OR CONDITIONS NOT PREVIOUSLY ANTICIPATED.
2. CONTRACTOR SHALL CONSIDER THE POSSIBLE IMPACT OF GROUNDWATER ON CONSTRUCTION TECHNIQUES, SEASONAL VARIATIONS, AND ANY OTHER SITE INDICATORS AT HIS OWN JUDGMENT.
3. SOIL DIRECTLY BELOW FOUNDATIONS AND SLAB ON GRADE SHALL BE COMPACTED TO 95% OF THE ASTM D 1557 (MODIFIED PROCTOR) MAXIMUM DRY DENSITY.

STRUCTURAL SYMBOLS LEGEND:

TRANSVERSE JOINT

ABBREVIATIONS:

CLR.	CLEAR
FT.	FEET
IN.	INCHES
MAX.	MAXIMUM
MIN.	MINIMUM
O.C.	ON CENTER
TYP.	TYPICAL

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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: CHA
DRWN BY: BW
CHKD BY: BW
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F1256-90-01
FILE NAME:
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7000 ARGOSY CIRCLE, HUNTSVILLE, AL 35802
ORLANDO, FLORIDA 32819
(407) 745-2720 FAX 32820

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

STRUCTURAL SYMBOL LEGEND
ABBREVIATIONS, & GENERAL NOTES

SHEET IDENTIFICATION NUMBER
S-001

IS THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM ANTITERRORISM STANDARDS FOR BUILDINGS AND OTHER FACILITIES CODES

STATE OF FLORIDA
BRIAN WALTER
No. 65538
REGISTERED
PROFESSIONAL ENGINEER

Brian Walter
Oct 28 2016 2:48 PM
FL. P.E. NO. 65538

THE ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY BRIAN WALTER USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\4 Structural\Drawings\Sheet File\18 S-001.dwg LAYOUT NAME: Structural Symbol Legend Abbreviations General Notes PLOTTED: Friday, October 28, 2016 - 2:10pm USER: lho

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SAW CUT ALONG EXISTING PAVEMENT JOINTS FOR ELECTRICAL/COMM TRENCH

EXISTING BUILDING PERIMETER

EXISTING ROLL-UP DOOR (TYP)

EXISTING 18" STORM SEWER PIPING

EXISTING HAZMAT BLDG

SEE CIVIL FOR MANHOLE MODIFICATIONS AND TOP SLAB (LID)

EXISTING GATE #1

1 / S-401

EXISTING SKID TO BE DEMOLISHED (TYPICAL OF 2)

CONTAINMENT DISCHARGE PIPING

EXISTING UG STORAGE TANK (20,000 GAL)

RELOCATE FENCE

EXISTING DUMPSTER (TYPICAL OF 2)

CONNECT TO EXISTING CATCH BASIN

REPLACEMENT PAVEMENT, SEE GIVIL FOR JOINT LAYOUT

SKID #1

SKID #2

SUMP DRAIN (TYP)

1'-0" CURB MATCH EXISTING, EACH END

REMOVE EXISTING GATE #3

GRASSED AREA

REMOTE CONTAINMENT BASIN (19'-0"X16'-0")

OUTLINE OF SKID MAT FOUNDATION

EQUIP SKID

GATE #3 20' SWING GATE

TRUCK CONTAINMENT PAD

CONCRETE DRIVEWAY APRON SEE CIVIL

GATE #4 20' SWING GATE

EXISTING PAVEMENT JOINT (TYP)

CONTAINMENT DRAIN INLET

CUT BACK EXISTING CURB

BEGIN CONTAINMENT PAD AT EXISTING PAVEMENT JOINT, MATCH EXISTING JOINT WIDTH

CONTAINMENT PAD PAVEMENT JOINT

1 / SS101 STRUCTURAL SITE PLAN - OVERALL
SCALE: 1" = 10'-0"

N

10' 5' 0 10'

SCALE: 1" = 10'-0"

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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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DESIGNED BY:
DRAWN BY: BW
CHKD BY: BW
SUBMITTED BY: KWG
FILE NAME:
DATE: OCTOBER 2016
SOLICITATION NO.: W9126F-16-R-0045
CONTRACT NO.: W9126F-16-C-0039
FILE NUMBER: F125-90-01
SIZE: 24 X 22
PLOT SCALE: 1=2 3=10 4=20
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

STRUCTURAL SITE PLAN - OVERALL

SHEET IDENTIFICATION NUMBER
SS101

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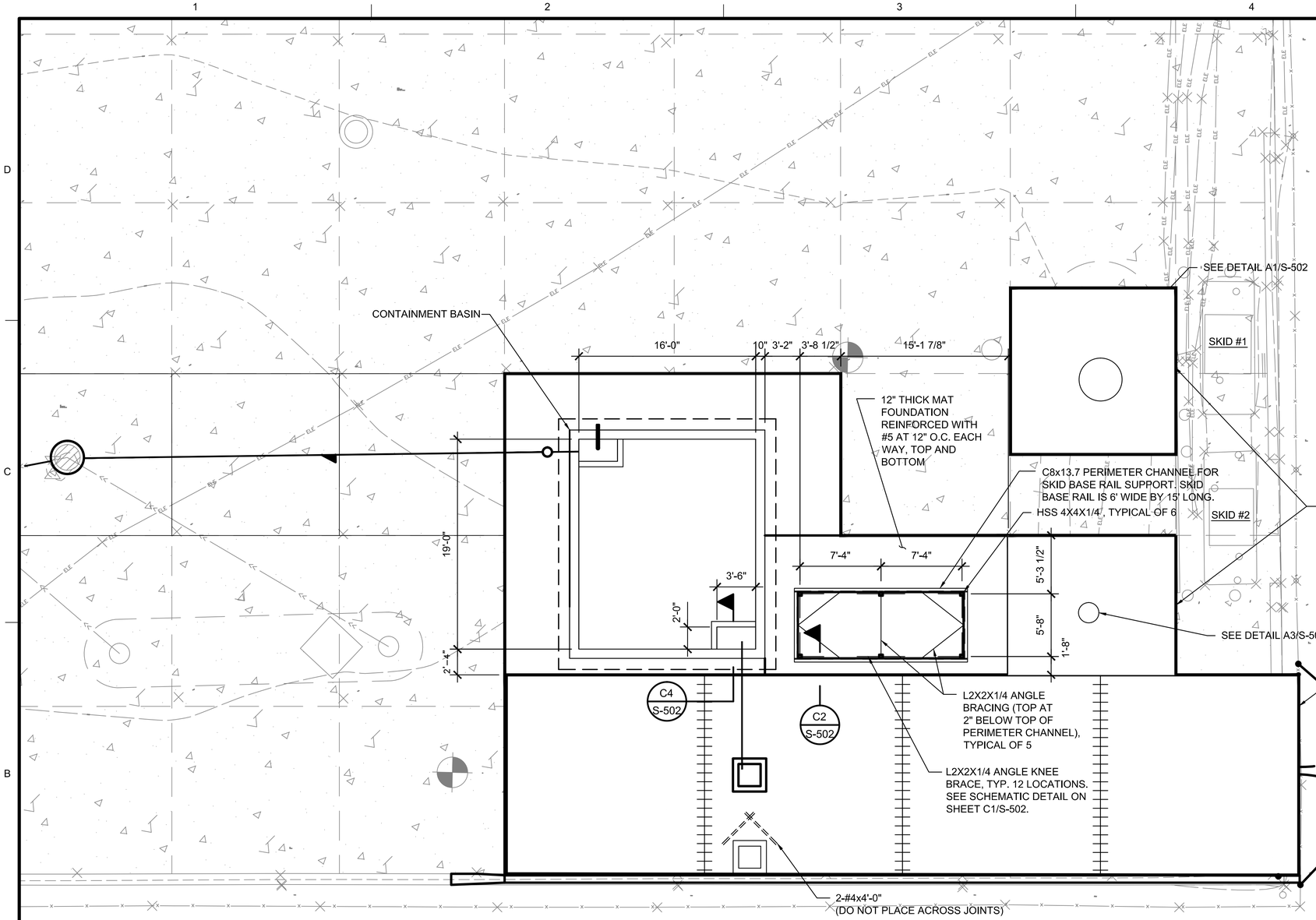
IT IS THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE NFPA 101 LIFE SAFETY CODES

BRIAN WALTER No. 66538 STATE OF FLORIDA PROFESSIONAL ENGINEER

Brian Walter
Oct 28 2016 12:48 PM
FL P.E. NO. 66538

CoSign

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\4 Structural\Drawings\Sheet File\19 SS101.dwg LAYOUT NAME: Structural Site Plan - Overall PLOTTED: Friday, October 28, 2016 - 2:37pm USER: lho



GENERAL NOTES:

1. CONCRETE PAVEMENT FOR TRUCK CONTAINMENT PAD SHALL BE 8" THICK REINFORCED WITH #4 BARS AT 12" O.C. EACH WAY.
2. REFERENCE CIVIL DRAWINGS FOR DIMENSIONS NOT SHOWN.
3. SEE DETAIL A3/S-501 FOR NEW TO EXISTING PAVEMENT TIE-IN DETAIL.

LEGEND:

TRANSVERSE JOINT - WHEN JOINT IS A CONTRACTION JOINT, REFER TO DETAIL B1/S-501. WHEN JOINT IS A CONSTRUCTION JOINT, REFER TO DETAIL D1/S-501.

1 / S-401 ENLARGED STRUCTURAL PLAN - TRUCK LOADING/UNLOADING AREA
SCALE: 3/16" = 1'-0"

N
5.33' 2.66' 0 5.33'
SCALE: 3 16" = 1'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

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DESIGNED BY: CHAD	DATE: OCTOBER 2016	SOLICITATION NO: W912BF-16-R-0045
DWN BY: BW	CKD BY: BW	CONTRACT NO.: W912BF-16-C-0039
SUBMITTED BY: KWG	FILE NAME:	FILE NUMBER: 87324-4B1DWG
SIZE: 24 X 22	PLOT SCALE: AS SHOWN	PLOT DATE: 10/28/2016

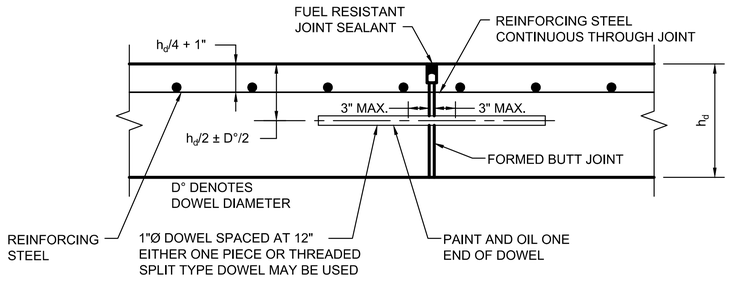
MARK	DESCRIPTION	DATE	APPR

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

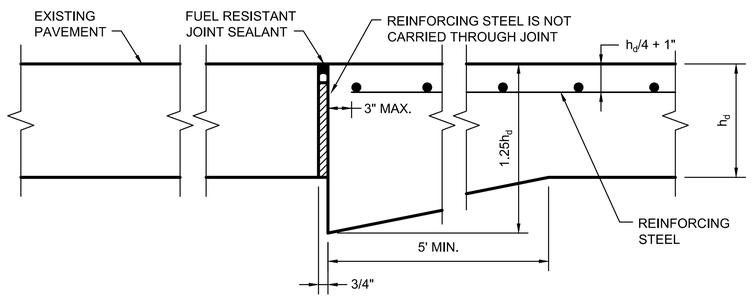
ENLARGED STRUCTURAL PLAN - TRUCK LOADING/UNLOADING AREA

SHEET IDENTIFICATION NUMBER
S-401

FILE NAME: C:\Users\hlo\appdata\local\temp\AcPublish_18732\20 S-401.dwg LAYOUT NAME: Enlarged Structural Plan - Truck Loading Offloading Area PLOTTED: Friday, October 28, 2016 - 2:36pm USER: hlo

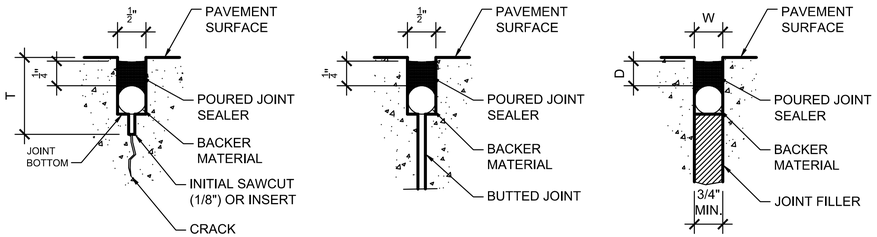


D1 CONSTRUCTION JOINT DETAIL
NOT TO SCALE
S-501



THICKENED EDGE

D3 EXPANSION JOINT DETAIL
NOT TO SCALE
S-501



CONTRACTION JOINT | CONSTRUCTION JOINT | EXPANSION JOINT

W = WIDTH OF SEALANT RESERVOIR (SEE TABLE)
D = DEPTH OF SEALANT = W/2 ($\frac{3}{4}$" MAX.)
T = DEPTH OF INITIAL SAWCUT OR INSERT TYPE JOINT FORMER (CONTRACTION JOINT)
a. 1/4 SLAB THICKNESS

TABLE		
JOINT SPACING FT.	WIDTH IN.	
	MIN.	MAX.
<25	1/2	5/8
25-50	3/4	7/8
>50	1.0	1-1/8

NOTE: TOP OF SEALANT WILL BE 1/8 IN. BELOW TOP OF PAVEMENT.

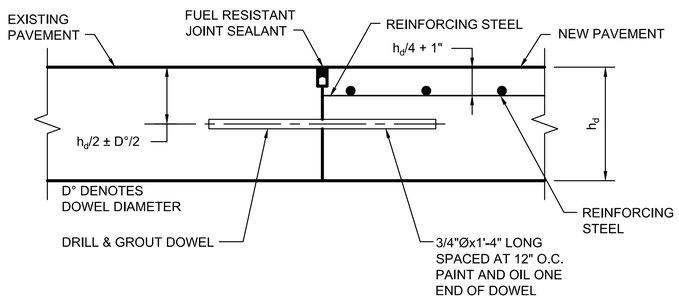
TRANSVERSE

B1 CONTRACTION JOINT DETAIL
NOT TO SCALE
S-501

NOTE : MAKE CONTRACTION JOINTS IN SLABS ON GRADE BY SAWING A CONTINUOUS CUT IN THE TOP OF SLAB.

A1 CONTRACTION JOINT DETAIL FOR SLAB ON GRADE
NOT TO SCALE
S-501

B3 JOINT SEALANT DETAIL
NOT TO SCALE
S-501



A3 DOWELED JOINT BETWEEN NEW AND EXISTING PAVEMENT
NOT TO SCALE
S-501

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DESIGNED BY:	DATE: OCTOBER 2016
DRAWN BY: BW	CKD BY: BW
SUBMITTED BY: KWG	CONTRACT NO.: W9128F-16-C-0039
FILE NAME:	FILE NUMBER: F125-96-01
SIZE: 24 X 22	PLOT SCALE: AS SHOWN
SOLICITATION NO.: W912BF-16-R-0045	PLOT DATE: 10/28/2016

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

STRUCTURAL DETAILS I

SHEET IDENTIFICATION NUMBER
S-501

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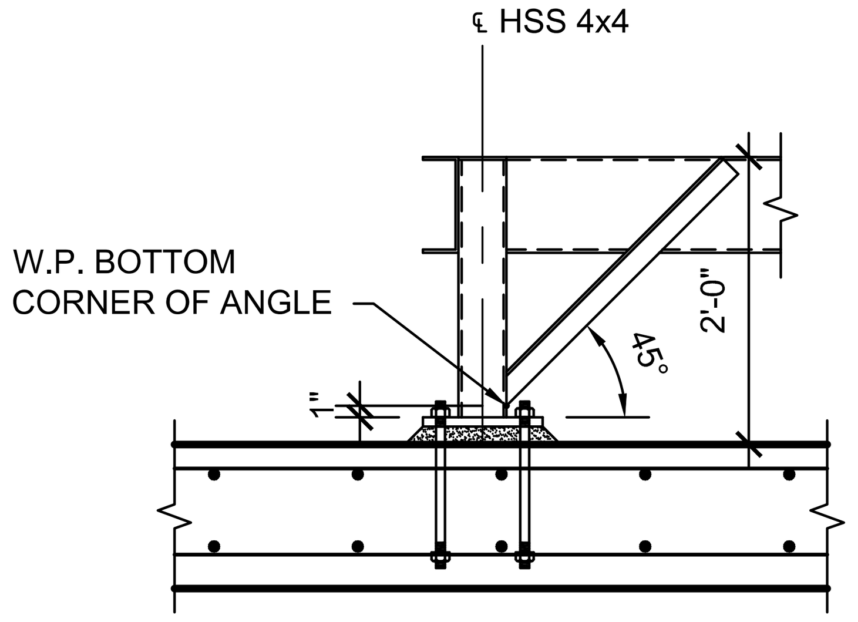
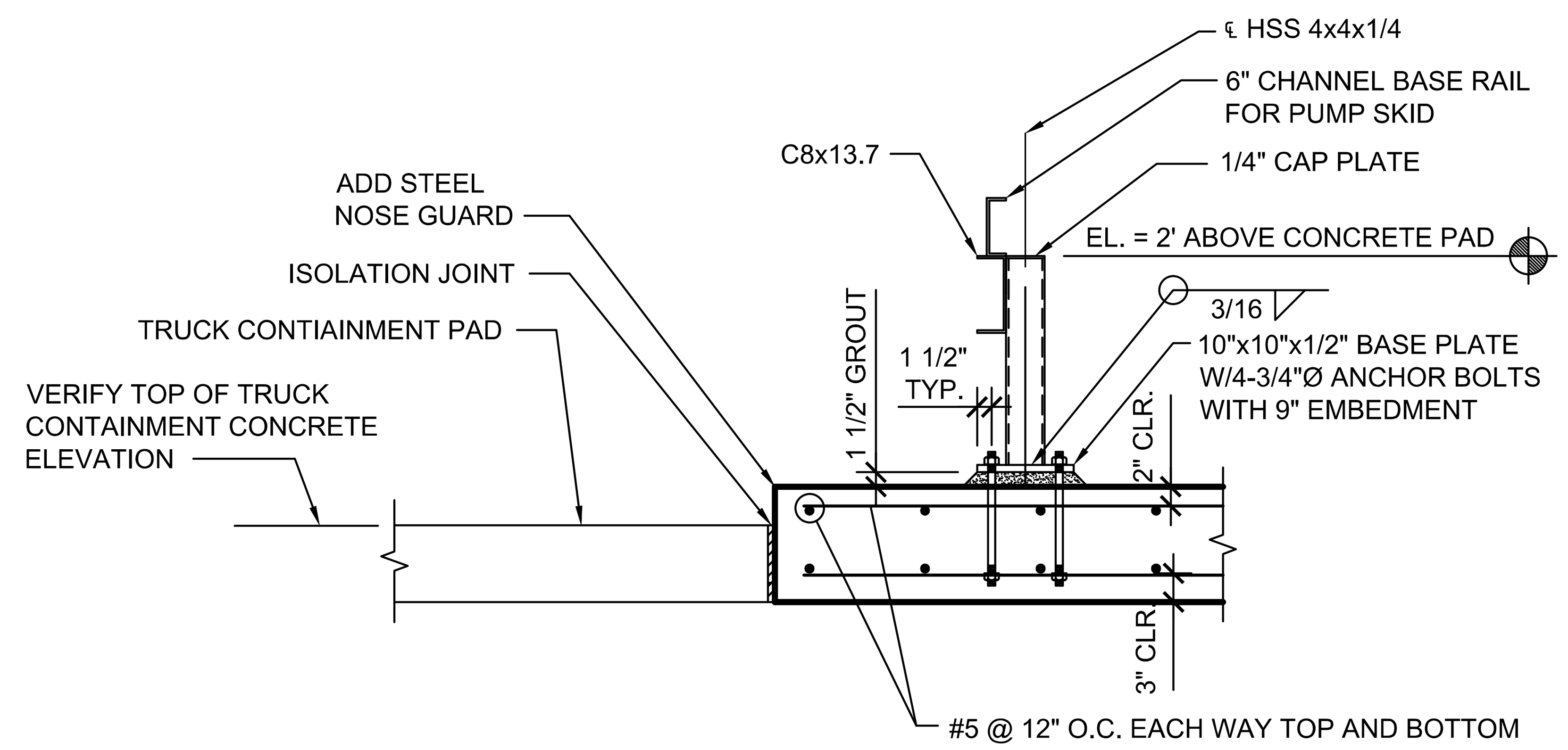
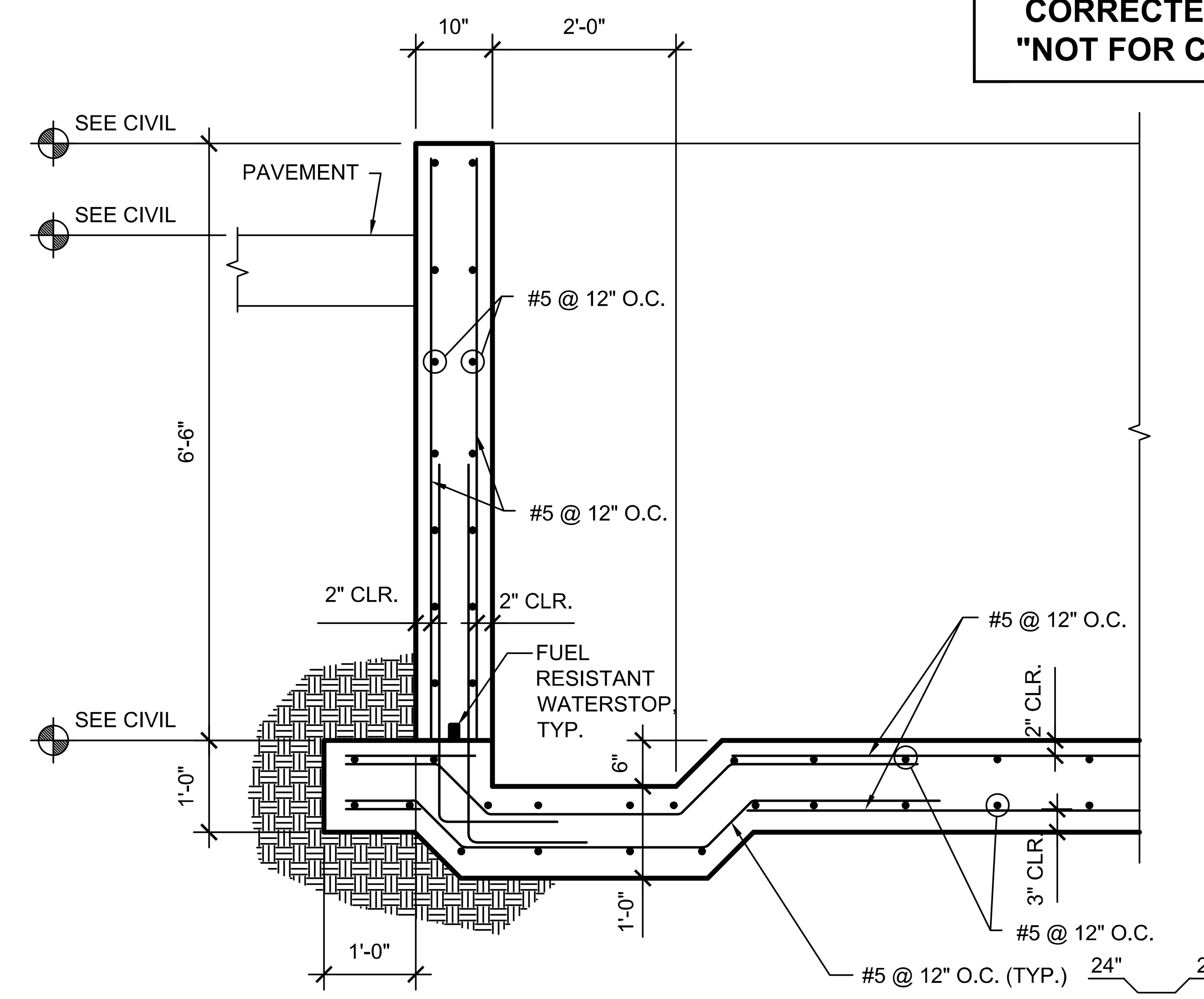


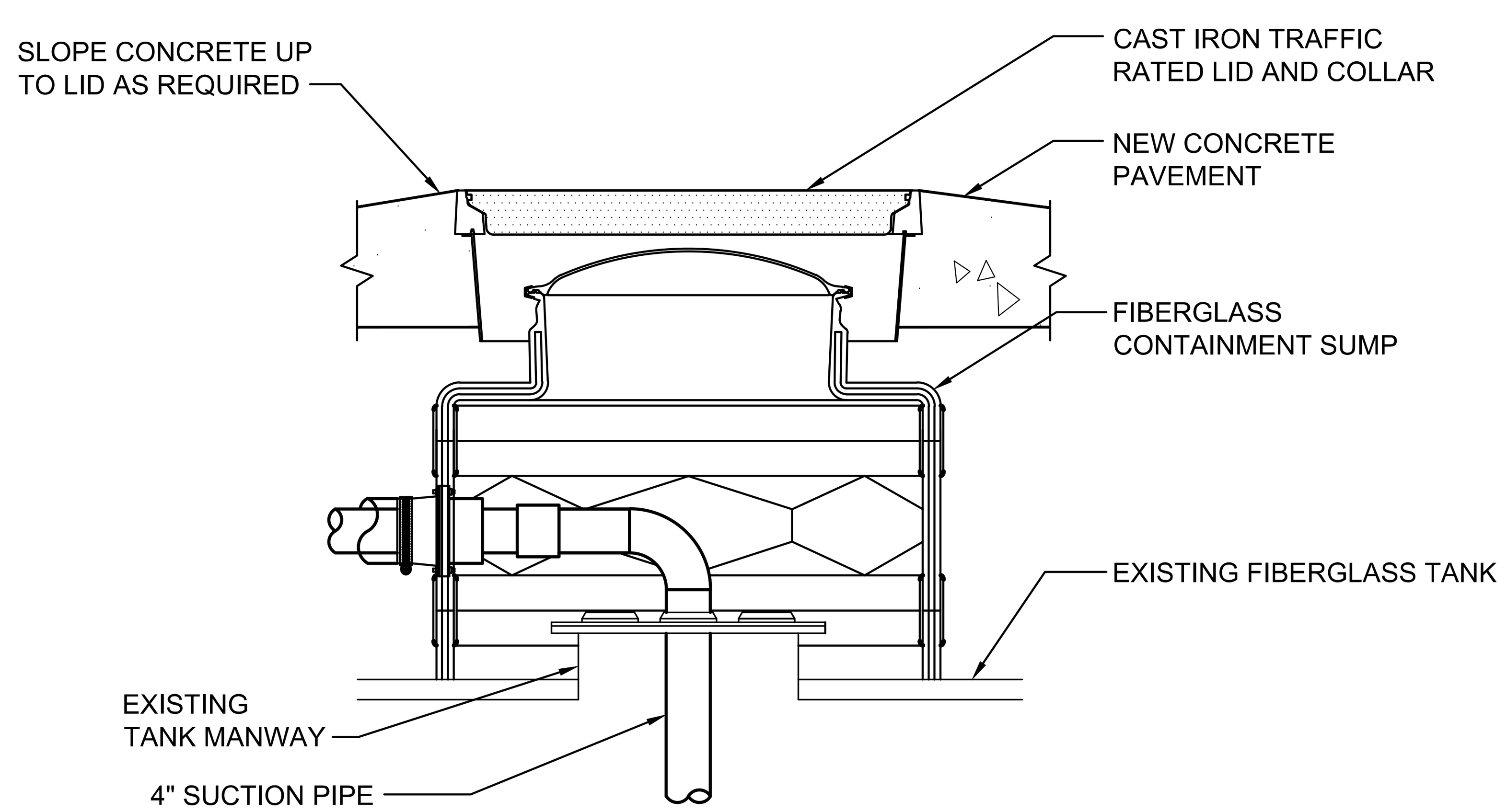
C1 S-401 SCHEMATIC DETAIL
SCALE: 3/4" = 1'-0"



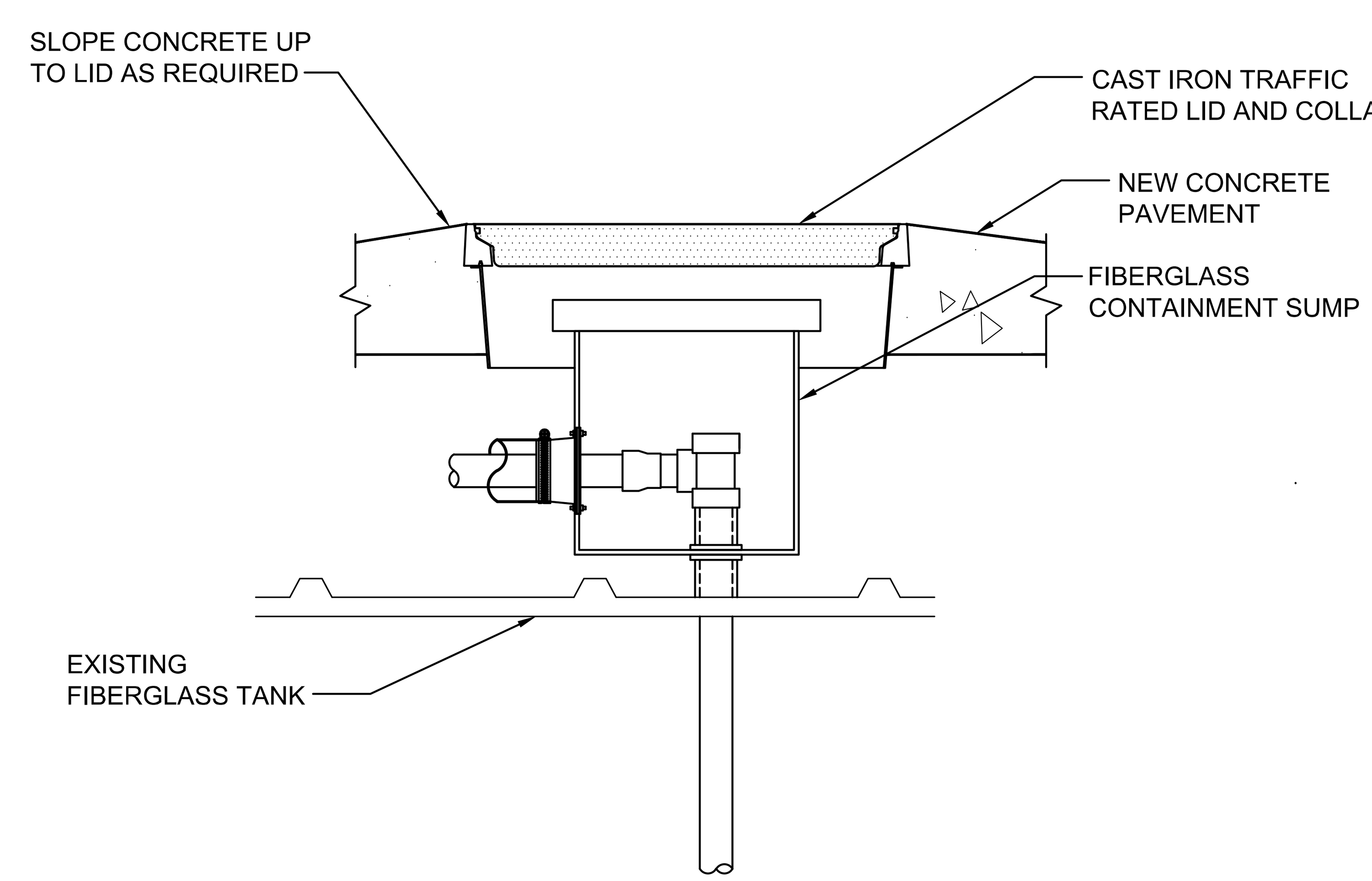
C2 EQUIPMENT SKID SECTION
SCALE: 3/4" = 1'-0"
S-502 & S-401



C4 CONTAINMENT BASIN SECTION
SCALE: 3/4" = 1'-0"
S-502 & S-401



A1 CONCRETE PAVEMENT DETAIL AT TANK SUCTION PIPE TANK NEW SUMP
NOT TO SCALE
S-502 & S-401



A3 CONCRETE PAVEMENT DETAIL AT TANK FILL PIPE TANK SUMP
NOT TO SCALE
S-502 & S-401

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

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Brian Walter
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DESIGNED BY: CMN		DATE: OCTOBER 2016	
DWN BY: BW	CKD BY: BW	SOLICITATION NO.: W9128F-16-R-0045	
SUBMITTED BY: KWG		CONTRACT NO.: W9128F-16-C-0039	
FILE NAME:		FILE NUMBER: F125-90-01	
SIZE: 34 X 22	PLOT SCALE: AS SHOWN	PLOT DATE: 10/28/2016	

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

STRUCTURAL DETAILS II

SHEET IDENTIFICATION NUMBER
S-502

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\4 Structural\Drawings\Sheet File\22 S-502.dwg LAYOUT NAME: Structural Details II PLOTTED: Friday, October 28, 2016 - 2:10pm USER: iho

ABBREVIATIONS

@	AT	L	ANGLE
&	AND	LA	LEVEL ALARM
AASF	AVIATION ARMY SUPPORT FACILITY	LI	LEVEL INDICATOR
AAV	AUTOMATIC AIR VENT	LIT	LEVEL INDICATING TRANSMITTER
AB	ANCHOR BOLT	LPD	LOW POINT DRAIN
A/G	ABOVEGROUND	LSH	LEVEL SWITCH HIGH
AST	ABOVEGROUND STORAGE TANK	LSHH	LEVEL SWITCH HIGH-HIGH
API	AMERICAN PETROLEUM INSTITUTE	LSL	LEVEL SWITCH LOW
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	LSLL	LEVEL SWITCH LOW-LOW
AWS	AMERICAN WELDING SOCIETY	MFR	MANUFACTURER
B.O.P.	BOTTOM OF PIPE ELEVATION	MAV	MANUAL AIR VENT
C	CHANNEL	MAX	MAXIMUM
℄	CENTERLINE	MIL	MILITARY
CONC	CONCRETE	MIN	MINIMUM
CS	CARBON STEEL	MTP	MOGAS TRANSFER PUMP
CONT	CONTINUOUS	NATO	NORTH ATLANTIC TREATY ORGANIZATION
CW	CLOCKWISE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CCW	COUNTER CLOCKWISE	NC	NORMALLY CLOSED
CV	CONTROL VALVE	NO	NORMALLY OPEN
DBB	DOUBLE BLOCK AND BLEED	NPT	NATIONAL PIPE THREAD
DIV	DIVISION	O.D.	OUTSIDE DIAMETER
DIP	DUCTILE IRON PIPE	OP	OFFLOADING PUMP
DEG	DEGREE	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
Ø	DIAMETER	#	POUNDS
DW	DOUBLE WALLED	PD	POSITIVE DISPLACEMENT
DWG.	DRAWING	PDI	PRESSURE DIFFERENTIAL INDICATOR
EA	EACH	PDM	POSITIVE DISPLACEMENT METER
ELEV	ELEVATION	PG	PRESSURE GAUGE
EFSO	EMERGENCY FUEL SHUT-OFF	PS	PIPE SUPPORT
EX	EXISTING	PSI	POUNDS PER SQUARE INCH
F	FAHRENHEIT	PRT	PRODUCT RECOVERY TANK
FIG	FIGURE	PVC	POLYVINYL CHLORIDE
FQI	FLOW QUANTITY INDICATOR	P/V	PRESSURE/VACUUM
FS	FLOW SWITCH	R	RADIUS
FP	FUEL PUMP	RED	REDUCER
FRP	FIBERGLASS REINFORCED PIPE	SC	SAMPLING CONNECTION
FSCV	FILTER SEPARATOR CONTROL VALVE	SCH	SCHEDULE
F/S	FILTER SEPARATOR	S.S.	STAINLESS STEEL
FT	FOOT	STD	STANDARD
GA	GAUGE	STL	STEEL
GAL	GALLON	SW	SOCKET WELD
GPM	GALLONS PER MINUTE	TRV	THERMAL RELIEF VALVE
HLCV	HIGH LEVEL CONTROL VALVE	TYP.	TYPICAL
HP	HORSEPOWER	U/G	UNDERGROUND
HPV	HIGH POINT VENT	UST	UNDERGROUND STORAGE TANK
I.D.	INSIDE DIAMETER	W/	WITH
IF	INSULATING FLANGE	W/O	WITHOUT
JFP	JET FUEL PUMP	WT	WEIGHT
JP	JET PROPELLANT	VIR	VEHICLE IDENTIFICATION READER

LEGEND

- GATE VALVE
- BALL VALVE
- CHECK VALVE
- NON-SURGE CHECK FLOW CONTROL VALVE
- DOUBLE BLOCK AND BLEED PLUG VALVE
- ABOVEGROUND FUEL PIPE
- UNDERGROUND FUEL PIPE
- BLIND FLANGE
- CAP
- QUICK CONNECTOR
- FLEXIBLE CONNECTION
- LINE SIZE REDUCER
- ATMOSPHERIC VENT
- PRESSURE/VACUUM VENT
- W — UNDERGROUND WATER LINE
- PRESSURE GAUGE
- EMERGENCY VENT
- MANUAL PUMP
- HIGH LEVEL FLOAT
- M — METER
- LA — INDEPENDENT LEVEL ALARM
- LIT — TANK LEVEL PROBE
- ITEM TO BE DEMOLISHED
- PIPING TO BE ABANDONED IN PLACE
- EXISTING

- BASKET STRAINER
- PRESSURE GAUGE
- HIGH POINT VENT (OR)
- LOW POINT DRAIN
- SWIVEL JOINT
- 90 DEG ELBOW DOWN
- CONNECTION POINT TO EXISTING
- DISCONNECTION POINT FROM EXISTING
- UNION
- RELIEF VALVE (OR)
- PUMP
- SIGHT FLOW INDICATOR
- GAUGE HATCH

DETAIL LEGEND:

- HPV — C1 / M-502
- LPD — C2 / M-502
- PG — C4 / M-502
- TRV — C3 / M-502
- FS — B2 / M-502
- SC — B1 / M-502

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GENERAL FUELING NOTES

1. DRAWINGS ARE IN GENERAL DIAGRAMMATIC IN NATURE. NOT ALL COMPONENTS ARE SHOWN IN ALL VIEWS. THE CONTRACTOR SHALL MAKE USE OF THE ENTIRE SET OF DRAWINGS AND REQUIREMENTS IN SPECIFICATIONS IN ORDER TO INCLUDE ALL COMPONENTS NECESSARY TO CONSTRUCT A FULLY OPERATIONAL FUELING SYSTEM.
2. WRITTEN DIMENSIONS ON DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
3. THE CONTRACTOR AND SUB CONTRACTORS SHALL COORDINATE ALL WORK WITH ALL OTHER TRADES BEFORE ANY INSTALLATION IS MADE.
4. AT START OF CONSTRUCTION, THE CONTRACTOR AND EACH OF HIS SUBCONTRACTORS SHALL PREPARE TYPED LISTS OF ALL EQUIPMENT THAT THEY ARE SUPPLYING WHICH REQUIRE ELECTRICAL WORK AND SEND LISTS TO THE ELECTRICAL CONTRACTOR FOR HIS REVIEW AND COORDINATION.
5. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S APPROVED PUBLISHED LITERATURE.
6. INSTALLATION OF EQUIPMENT SHALL PERMIT ACCESSIBILITY FOR SERVICE AND/OR REPLACEMENT.
7. MATERIALS AND EQUIPMENT SHALL BE A STANDARD PRODUCT OF A MANUFACTURER REGULARLY ENGAGED IN THE MANUFACTURE OF THE PRODUCT AND SHALL HAVE BEEN IN SATISFACTORY USE FOR A MINIMUM OF 2 YEARS.
8. EQUIPMENT INSTALLED SHALL BE CAPABLE OF BEING SERVICED BY AN ORGANIZATION THAT IS, IN THE OPINION OF THE CONTRACTING OFFICER, REASONABLY CONVENIENT TO THE SITE. MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH RECOMMENDATIONS OF THE MANUFACTURER.
9. MAJOR COMPONENTS OF EQUIPMENT SHALL HAVE THE MANUFACTURER'S NAME, ADDRESS, TYPE OR STYLE, AND CATALOG NUMBER ON A NON-CORROSIVE AND NON-HEAT SENSITIVE PLATE, SECURELY ATTACHED TO THE EQUIPMENT. THIS PLATE SHALL REMAIN VISIBLE. ALL PIPES SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-161 AND THESE DRAWINGS.
10. ALL EQUIPMENT DELIVERED AND PLACED IN STORAGE PRIOR TO INSTALLATION SHALL BE PROTECTED FROM WEATHER, HUMIDITY AND TEMPERATURE VARIATION, DIRT AND DUST, AND ANY OTHER CONTAMINANTS.
11. THE CONTRACTOR SHALL KEEP ONE EXISTING FUELING SKID IN OPERATION DURING THE INSTALLATION OF THE FUEL EQUIPMENT SKID, PIPING AND TRUCK CONTAINMENT PAD PROVIDED UNDER THIS CONTRACT. IF FUELING OUTAGES ARE REQUIRED, COORDINATE AND MAKE PROVISIONS FOR TEMPORARY FUELING WITH THE BASE PERSONNEL FOR THOSE OUTAGE PERIODS.

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DESIGNED BY: WHF
DWN BY: KWS
CKD BY: JAC
SUBMITTED BY: KWS
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NAME: HM09M-001.DWG
FILE NUMBER: F125-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

MECHANICAL SYMBOL LEGEND
ABBREVIATIONS, & GENERAL NOTES

SHEET IDENTIFICATION NUMBER
M-001

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FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\6 Mechanical\Drawing\Sheet Files\23 M-001.dwg LAYOUT NAME: Mechanical Symbol Legend PLOTTED: Friday, October 28, 2016 - 2:59pm USER: iho

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EXISTING BUILDING PERIMETER

EXISTING AASF HANGAR

EXISTING ROLL-UP DOOR (TYP)

EXISTING HAZMAT BLDG

EXISTING GATE #2

EXISTING GATE #1

EXISTING U/G STORAGE TANK (20,000 GAL)

EXISTING FUELING SKID TO BE DEMOLISHED (TYP. FOR 2)

RELOCATE FENCE, SEE CIVIL DRAWINGS

EXISTING DUMPSTER (TYP. FOR 2)

GRASSED AREA

SKID #2

SKID #1

FUELING AREA ENLARGED PLAN, SEE DRAWINGS MD401 AND M-401

BOLLARD (TYP.)

REMOTE CONTAINMENT BASIN (19'-0"X14'-0")

FUEL EQUIPMENT SKID

GATE #3

EXISTING U/G OIL/WATER SEPARATOR (6,000 GAL)

TRUCK CONTAINMENT PAD (18' X 62')

GATE #4

OUTLINE OF WB-50 TRUCK

EXISTING PERIMETER FENCE

1 MS101 MECHANICAL SITE PLAN - OVERALL
SCALE: 1" = 10'-0"

N
10' 5' 0 10'
SCALE: 1" = 10'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

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10/28/16
WILLIAM H. FREEMAN
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MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: WHF
DWN BY: WC
CKD BY: WC
SUBMITTED BY: KWG
FILE NAME: HM09MS101.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0003
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F12S-90-01

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

MECHANICAL SITE PLAN - OVERALL

SHEET IDENTIFICATION NUMBER
MS101

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\6 Mechanical\Drawing\Sheet Files\24 MS101.dwg LAYOUT NAME: Mechanical Site Plan-Overall PLOTTED: Friday, October 28, 2016 - 2:59pm USER: tho

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NOTE:
ALL SKID PIPING AND VALVES SHALL BE STAINLESS STEEL

15'-0"

6'-0"

CONNECT 1" THERMAL RELIEF PIPING TO TANK FILL LINE

HIGH POINT VENT (HPV), SEE DETAIL C1 M-502

PRESSURE GAUGE (PG)(TYP. FOR 8), SEE DETAIL C4 M-502

THERMAL RELIEF VALVE (TRV) (TYP.), SEE DETAIL C3 M-502

6'X15' SKID FRAME

FILTER SEPARATOR WITH TRV AND AAV

AIR ELIMINATOR

CARBON STEEL OR STAINLESS STEEL PIPE

SEE DRAWING M-401 FOR CONTINUATION OF S.S. TUBING

1/2" S.S. OVERFILL PREVENTION HYDRAULIC TUBING

4" S.S. PIPE

300 GPM POSITIVE DISPLACEMENT PUMP

4" STRAINER

FS, SEE DETAIL B2 M-502

4" BALL VALVE (TYP. FOR 8)

4" SIGHT FLOW INDICATOR

4" SWIVEL JOINT

4" WAFER CHECK VALVE (TYP. FOR 2)

4" SHORT RADIUS ELBOW

3" OVERFILL PREVENTION CONTROL VALVE

3"X4" REDUCING ELBOW

3" TRUCK LOADING DEADMAN CONTROL VALVE

SAMPLING CONNECTION (SC), SEE DETAIL B1 M-502

4" NOZZLE

4" UNLOADING HOSE

HOSE TROUGH (TYP. FOR 2), SEE DETAIL A3 M-502

A2 M-301

STATIC BONDING REEL

OVERFILL PROTECTION AND GROUND VERIFICATION UNIT

RETURN TO BULK CONNECTION

TWO (2) 3" SHORT RADIUS ELBOWS DOWN

3" POSITIVE DISPLACEMENT METER WITH TEMPERATURE COMPENSATION

3" AIR BLOCK/ WATER SLUG CONTROL VALVE

3" BALL VALVE (TYP. FOR 2)

4" DOUBLE BLOCK AND BLEED PLUG VALVE (TYP FOR 2)

3" CAMLOCK ADAPTOR AND CAP FOR METER PROVING CONNECTIONS (TYP. FOR 2)

DEADMAN REEL

3" D-2 NOZZLE

3" LOADING HOSE

B2 M-301 FUEL EQUIPMENT SKID - ENLARGED PLAN

SCALE: 3/4"=1'-0"

HIGH POINT VENT (HPV) (SHOWN ROTATED 90° FOR CLARITY), SEE DETAIL C1 M-502

FILTER SEPARATOR WITH TRV AND AAV

AIR ELIMINATOR

FLOW SWITCH, SEE DETAIL B2 M-502

3" OVERFILL PREVENTION CONTROL VALVE

PRESSURE GAUGE, SEE DETAIL C4 M-502

4" STAINLESS STEEL TANK FILL PIPING

4" CARBON STEEL OR STAINLESS STEEL SUCTION PIPING

LOW POINT DRAIN (SHOWN ROTATED 90° FOR CLARITY), SEE DETAIL C2 M-502

4" D-2 NOZZLE

4" UNLOADING HOSE

1'-6 1/2"

2'-2"

9"

8 1/4"

6"

2'-0"

EXISTING GRADE

STATIC BONDING REEL

METER SUPPORT

EQUIPMENT SKID STRUCTURAL STEEL SUPPORT LEGS ANCHORED INTO EXISTING CONCRETE, SEE STRUCTURAL DRAWINGS (TYP.)

6" STEEL EQUIPMENT SKID FRAME

RETURN TO BULK CONNECTION

3" POSITIVE DISPLACEMENT METER WITH TEMPERATURE COMPENSATION

METER PROVING CONNECTIONS

DEADMAN REEL

A2 M-301 FUEL EQUIPMENT SKID - SECTION

SCALE: 3/4"=1'-0"

2' 1' 0 2'

SCALE: 3/4" = 1'-0"

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WILLIAM H. FREEMAN
FLORIDA PE #40981

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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: WHF
DRWN BY: ZW
CKD BY: JCC
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W9128F-16-R-0045
CONTRACT NO.: W9128F-16-C-0039
FILE NAME: HM09M-301.DWG
FILE NUMBER: F125-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 W. SAND LAKE ROAD, SUITE 500
ORLANDO, FLORIDA 32819
(407) 778 - 7780 CA # 28595

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

MECHANICAL FUEL EQUIPMENT SECTION & ENLARGED PLAN

SHEET IDENTIFICATION NUMBER
M-301

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\6 Mechanical\Drawing\Sheet Files\25 M-301.dwg LAYOUT NAME: Mechanical Fuel Equipment Section and Enlarged Plan PLOTTED: Friday, October 28, 2016 - 3:00pm USER: iho

FOR REVIEW ONLY
CORRECTED 100% DESIGN
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PROJECT PHASING NOTES:

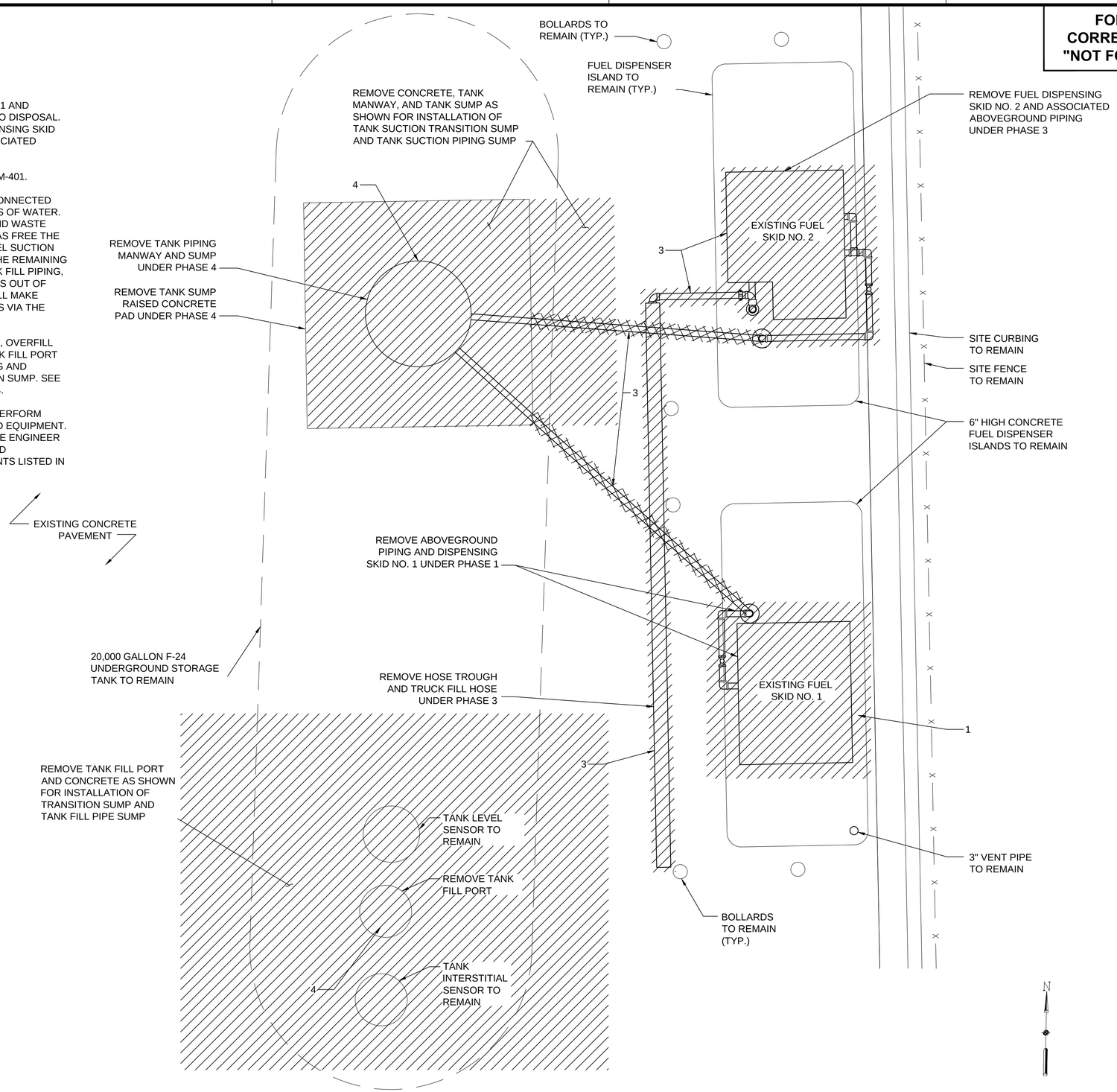
1. PHASE 1- REMOVE AND DISPOSE OF F-24 DISPENSING SKID NO. 1 AND ASSOCIATED PIPING. SKID SHALL BE PURGED OF FUEL PRIOR TO DISPOSAL. CONCRETE SKID ISLAND SHALL REMAIN. THE REMAINING DISPENSING SKID NO. 2 SHALL REMAIN ACTIVE. DISPOSE OF SKID NO. 1 AND ASSOCIATED PIPING OFF GOVERNMENT PROPERTY.

2. PHASE 2- INSTALL FUEL EQUIPMENT SKID AS SHOWN ON DWG. M-401.

3. PHASE 3- THE UNDERGROUND SUCTION PIPING SHALL BE DISCONNECTED FROM THE STORAGE TANK AND FLUSHED WITH 2 PIPE VOLUMES OF WATER. DISPOSE OF ALL WATER USED IN THE FLUSHING OPERATION AND WASTE FUEL OFF OF GOVERNMENT PROPERTY. DRAIN, FLUSH , AND GAS FREE THE UNDERGROUND SUCTION PIPING. REMOVE UNDERGROUND FUEL SUCTION PIPING TO EDGE OF FUEL SKID PADS. CUT PIPE, SLURRY FILL THE REMAINING PIPE. REMOVE DISPENSING SKID NO. 2 AND ASSOCIATED TRUCK FILL PIPING, LOADING HOSE, AND HOSE TROUGH. WHEN THE FUEL SYSTEM IS OUT OF COMMISSION DURING CONSTRUCTION, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE BASE TO BE ABLE TO FUEL THEIR TRUCKS VIA THE LOCAL FUELING STATION OFFSITE.

4. PHASE 4- INSTALL REPLACEMENT TANK SUMP, MANWAY COVER, OVERFILL FLOAT, SUCTION PIPING , AND TRANSITION SUMP. REMOVE TANK FILL PORT AND SPILL CONTAINER. INSTALL TANK SUCTION AND FILL PIPING AND SUPPORTS. INSTALL SUMP FOR TANK FILL LINE AND TRANSITION SUMP. SEE DRAWINGS M-401 AND M-501 FOR WORK DESCRIBED IN PHASE 4.

5. ONCE INSTALLATION IS COMPLETE, THE CONTRACTOR SHALL PERFORM TESTING AND COMMISSIONING OF ALL MECHANICAL PIPING AND EQUIPMENT. COMMISSIONING SHALL BE WITNESSED AND SIGNED OFF BY THE ENGINEER OF RECORD AND THE CONTRACTING OFFICER. ALL TESTING AND COMMISSIONING SHALL BE IN ACCORDANCE WITH REQUIREMENTS LISTED IN THE PROJECT SPECIFICATIONS.



1 MD401 ENLARGED MECHANICAL PLAN - DEMOLITION - EXISTING FUEL STORAGE TANK AREA
SCALE: 1/2"=1'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

WILLIAM H. FREEMAN LICENSE NO. 40981 STATE OF FLORIDA PROFESSIONAL ENGINEER
WILLIAM H. FREEMAN
FLORIDA PE #40981

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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DESIGNED BY: WHF
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CKD BY: KC
SUBMITTED BY: KWG
DATE: OCTOBER 2016
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CONTRACT NO.: W912BF-16-C-0039
FILE NAME: HM09MD401.DWG
FILE NUMBER: F125-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

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OMAHA, NEBRASKA

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ENLARGED MECHANICAL PLAN - DEMOLITION
EXISTING FUEL STORAGE TANK AREA

SHEET IDENTIFICATION NUMBER
MD401

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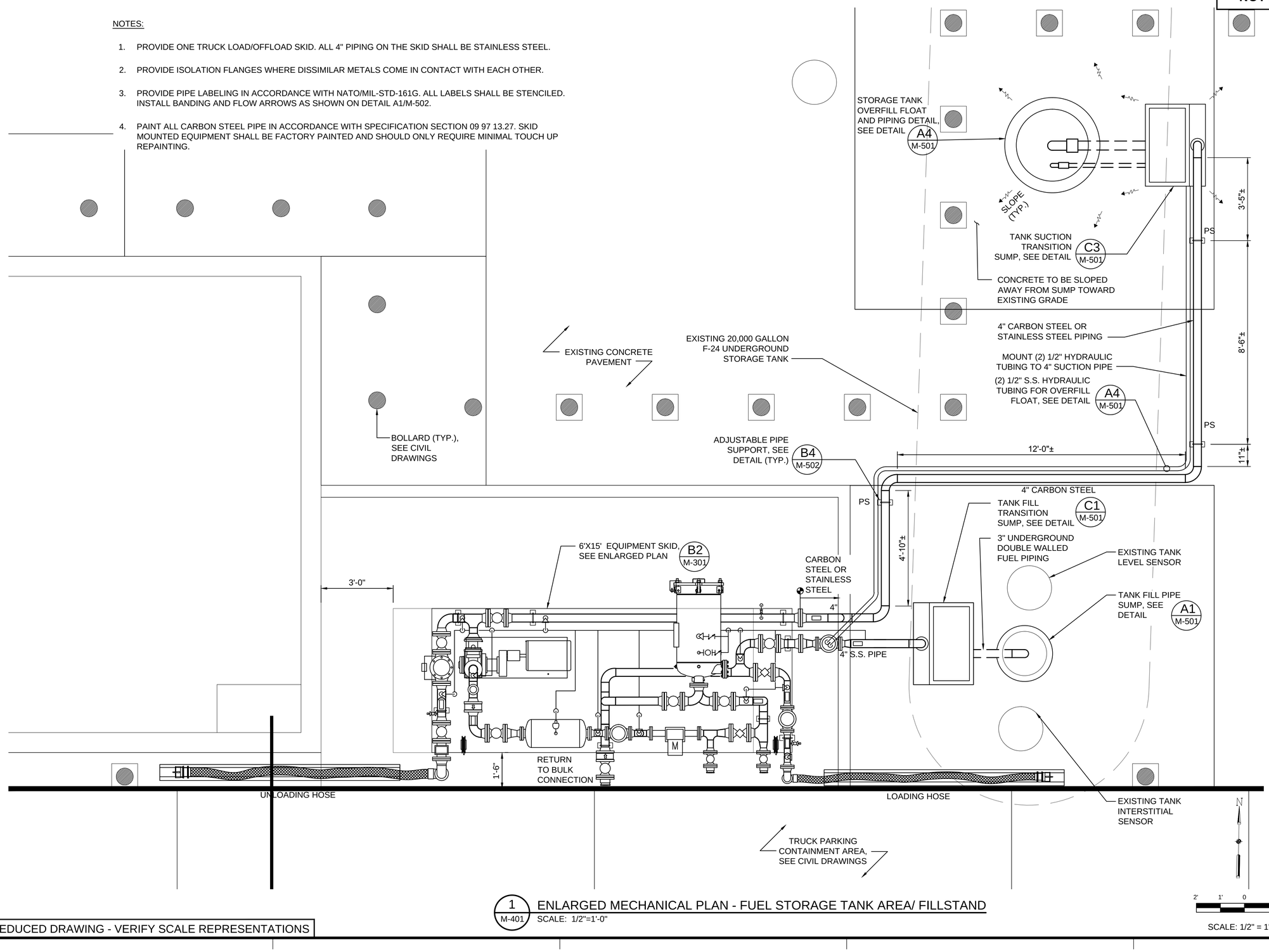
NOTES:

1. PROVIDE ONE TRUCK LOAD/OFFLOAD SKID. ALL 4" PIPING ON THE SKID SHALL BE STAINLESS STEEL.
2. PROVIDE ISOLATION FLANGES WHERE DISSIMILAR METALS COME IN CONTACT WITH EACH OTHER.
3. PROVIDE PIPE LABELING IN ACCORDANCE WITH NATO/MIL-STD-161G. ALL LABELS SHALL BE STENCILED. INSTALL BANDING AND FLOW ARROWS AS SHOWN ON DETAIL A1/M-502.
4. PAINT ALL CARBON STEEL PIPE IN ACCORDANCE WITH SPECIFICATION SECTION 09 97 13.27. SKID MOUNTED EQUIPMENT SHALL BE FACTORY PAINTED AND SHOULD ONLY REQUIRE MINIMAL TOUCH UP REPAINTING.



1 M-401 ENLARGED MECHANICAL PLAN - FUEL STORAGE TANK AREA/ FILLSTAND
SCALE: 1/2"=1'-0"

SCALE: 1/2" = 1'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

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WILLIAM H. FREEMAN
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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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DESIGNED BY: WHF
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SUBMITTED BY: KWG
FILE NAME: HM09M-401.DWG
PLOT SCALE: AS SHOWN
SIZE: 34 X 22
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

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7380 MATEO CRANE RD., SUITE 6305
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(407) 716-7780 CA # 29056

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ENLARGED MECHANICAL PLAN
FUEL STORAGE TANK AREA/ FILLSTAND

SHEET IDENTIFICATION NUMBER
M-401

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\6 Mechanical\Drawing\Sheet Files\27 M-401.dwg LAYOUT NAME: Enlarged Mechanical Plan-Fuel Storage Tank Area Fillstand PLOTTED: Friday, October 28, 2016 - 3:00pm USER: iho

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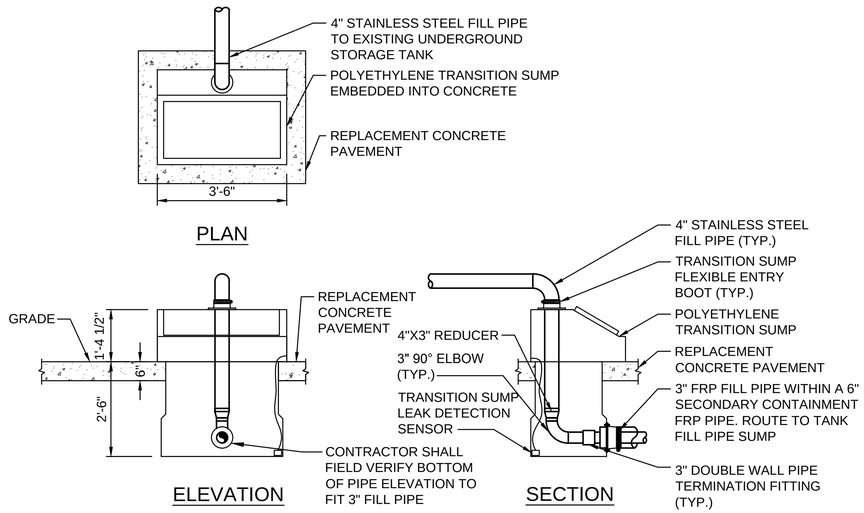
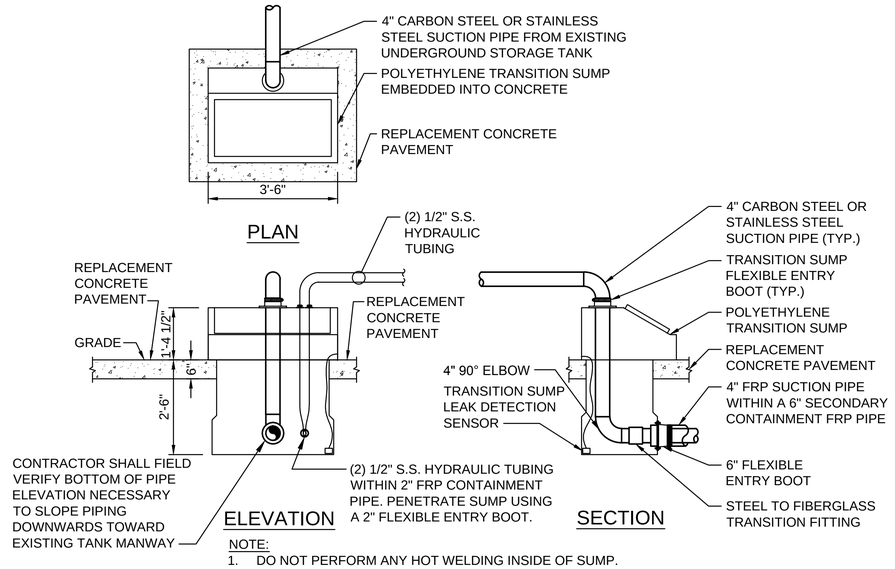


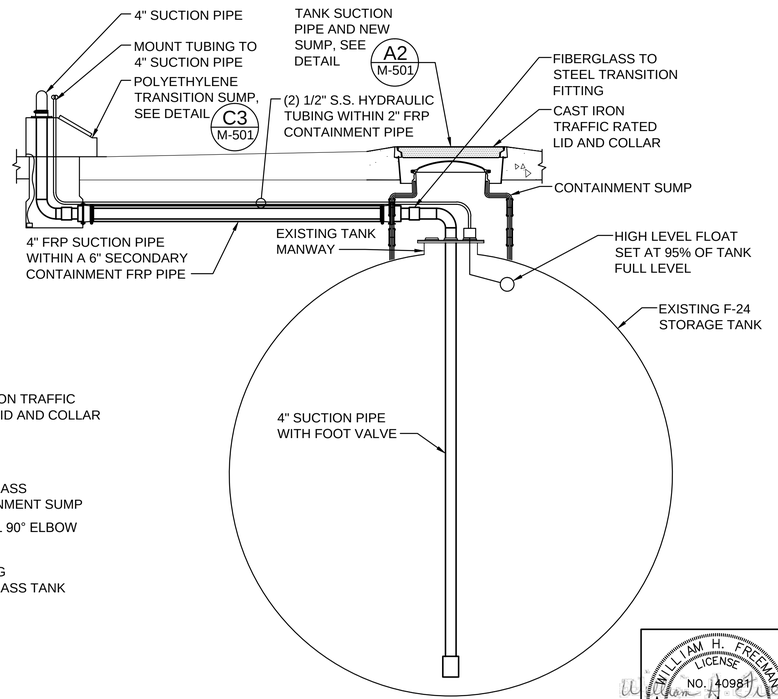
NOTE:
1. DO NOT PERFORM ANY HOT WELDING INSIDE OF SUMP.

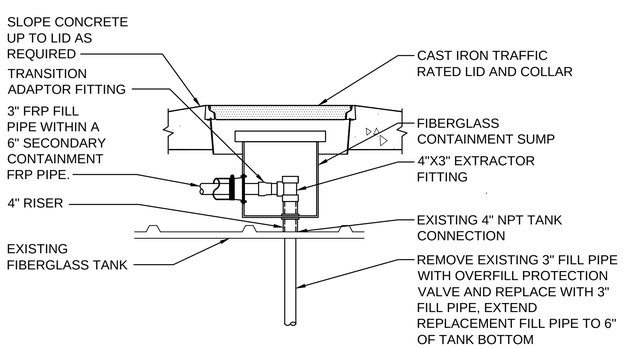
C1 — TANK FILL PIPE TRANSITION SUMP DETAIL
SCALE: 1/2" = 1'-0"
M-401



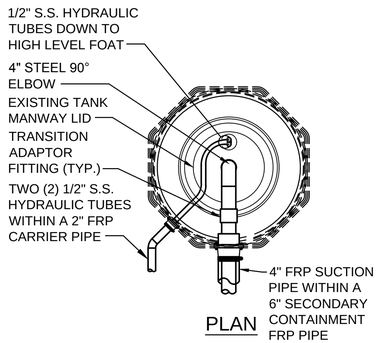
NOTE:
1. DO NOT PERFORM ANY HOT WELDING INSIDE OF SUMP.

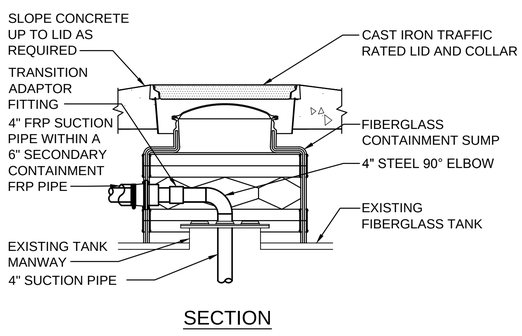
C3 — TANK SUCTION PIPE TRANSITION SUMP DETAIL
SCALE: 1/2" = 1'-0"
M-401





A1 — TANK FILL PIPE TANK SUMP DETAIL
SCALE: NOT TO SCALE
M-401





A2 — TANK SUCTION PIPE AND NEW SUMP DETAIL
SCALE: NOT TO SCALE
M-501

A4 — STORAGE TANK OVERFILL FLOAT AND PIPING DETAIL
SCALE: NOT TO SCALE
M-401

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

WILLIAM H. FREEMAN LICENSE NO. 40981 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/28/16
WILLIAM H. FREEMAN
FLORIDA PE #40981

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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DESIGNED BY: WIF
DRWN BY: KWG
SUBMITTED BY: KWG
FILE NAME: HM09M-501.DWG
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PLOT DATE: 10/28/2016
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0003
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

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(407) 745-7780 CA # 29509

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

MECHANICAL DETAILS I

SHEET IDENTIFICATION NUMBER
M-501

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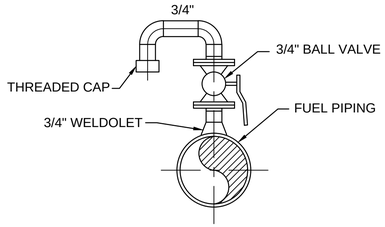
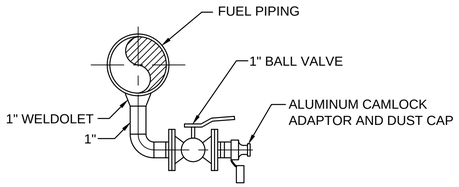


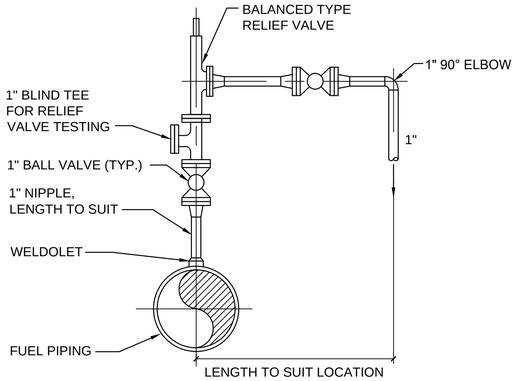
NOTES:
1. ALL FITTINGS TO BE SOCKET WELD TYPE. VALVE SHALL BE FLANGED. ALL PIPE SHALL BE SCHEDULE 80 STAINLESS STEEL.
2. BALL VALVES SHALL BE LOCKABLE.
3. ALL WELDOLETS SHALL BE RADIOGRAPHED.

C1 HIGH POINT VENT DETAIL
SCALE: NOT TO SCALE
M-001 & M-301



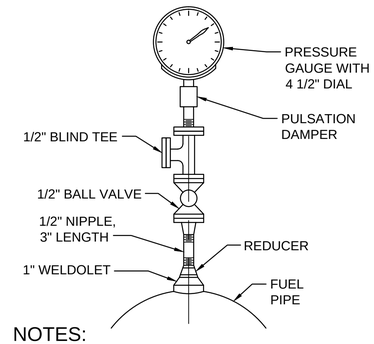
NOTES:
1. ALL FITTINGS TO BE SOCKET WELD TYPE. VALVE SHALL BE FLANGED. ALL PIPE SHALL BE SCHEDULE 80 STAINLESS STEEL.
2. BALL VALVES SHALL BE LOCKABLE.
3. ALL WELDOLETS SHALL BE RADIOGRAPHED.

C2 LOW POINT DRAIN DETAIL
SCALE: NOT TO SCALE
M-001 & M-301



NOTES:
1. ALL FITTINGS TO BE SOCKET WELD TYPE. ALL VALVES SHALL BE FLANGED. ALL PIPE SHALL BE SCHEDULE 80 STAINLESS STEEL PIPE.
2. ALL BALL VALVES SHALL BE LOCKED OPEN.
3. ALL WELDOLETS SHALL BE RADIOGRAPHED.
4. SET ALL TRV'S AT 100 PSIG.

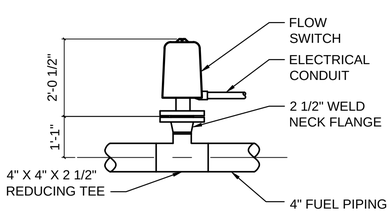
C3 THERMAL RELIEF PIPING DETAIL
SCALE: NOT TO SCALE
M-001 & M-301



NOTES:
1. ALL FITTINGS TO BE SOCKET WELD TYPE. ALL VALVES SHALL BE FLANGED. ALL PIPE SHALL BE SCHEDULE 80 STAINLESS STEEL PIPE.
2. ALL WELDOLETS SHALL BE RADIOGRAPHED.

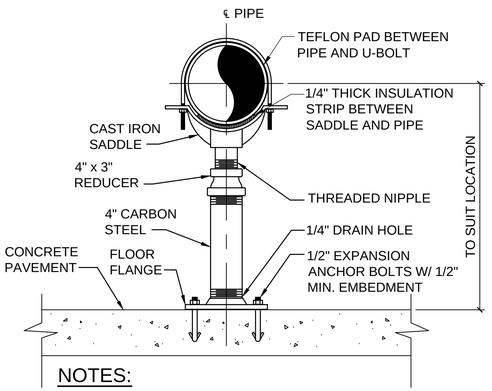
C4 PRESSURE GAUGE PIPE CONNECTION DETAILS
SCALE: NOT TO SCALE
M-001 & M-301

PRESSURE GAUGE SCHEDULE	
ALL PRESSURE GAUGES ON THE DISCHARGE SIDE OF THE PUMP	DIAL SCALE 0-150 PSIG
ALL PRESSURE GAUGES ON THE SUCTION SIDE OF THE PUMP	DIAL SCALE -30 VAC- 0-100 PSIG



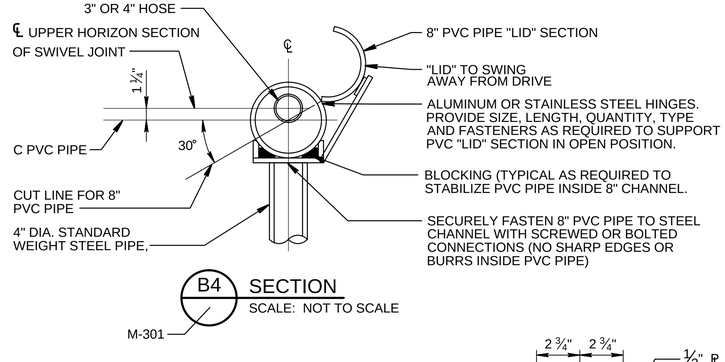
B1 SAMPLE CONNECTION DETAIL
SCALE: NOT TO SCALE
M-301

B2 FLOW SWITCH DETAIL
SCALE: NOT TO SCALE
M-001 & M-301

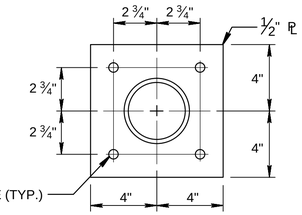


NOTES:
1. ADD 1/4" TEFLON PAD BONDED TO INSIDE OF U-BOLT AROUND OUTSIDE OF PIPE.

B3 ADJUSTABLE PIPE SUPPORT DETAIL
SCALE: NOT TO SCALE
M-401

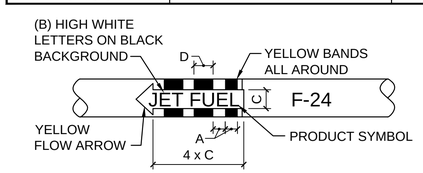


B4 SECTION
SCALE: NOT TO SCALE
M-301



A5 BASE PLATE DETAIL
SCALE: NOT TO SCALE
M-301

SIZES OF LETTERING AND BANDS				
PIPE DIAMETER	NARROW BAND WIDTH AND SPACING (A)	TITLE LETTER SIZE (B)	BACKGROUND AND ARROWS (C)	WIDE BAND WIDTH AND SPACING (D)
UNDER 3"	3"	1/2"	1"	6"
3" TO 6"	3"	1"	2"	6"

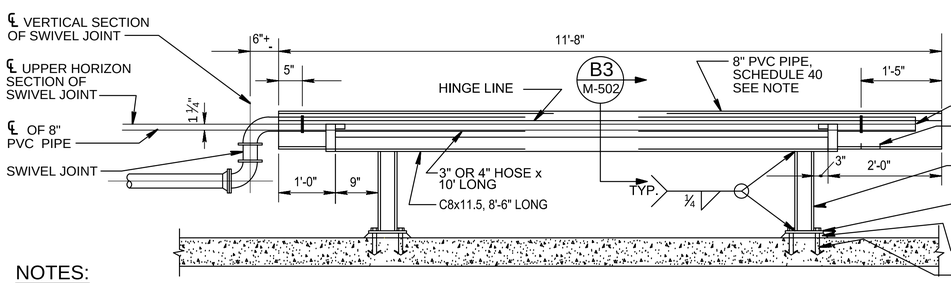


PIPELINE COLOR CODE AND MARKING

LABELS			
PRODUCT SYMBOL	NUMBER OF YELLOW BANDS	NUMBER OF YELLOW BANDS	NATO SYMBOL
	WIDE	NARROW	
JET FUEL	2	1	F-24

NOTES:
1. IDENTIFICATION LETTERING AND FLOW DIRECTIONAL ARROWS SHALL BE INSTALLED ON ABOVEGROUND PIPING AT 10'-0" APART.
2. ALL MARKINGS SHALL BE PER MIL-STD-161 AND NATO REQUIREMENTS AND COORDINATED WITH CONTRACTING OFFICER.

A1 PIPING MARKINGS AND SPECIFICATIONS
SCALE: NOT TO SCALE



NOTES:
THE 3" HOSE AND DISCONNECT ARE SHOWN HERE AS THEY WOULD APPEAR RIGIDLY EXTENDED FROM THE FLANGED SWIVEL JOINT. THE FLEXIBLE HOSE WILL ACTUALLY LAY IN THE BOTTOM OF THE PVC PIPE.

A3 HOSE TROUGH DETAIL
SCALE: NOT TO SCALE
M-301

WILLIAM H. FREEMAN
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WILLIAM H. FREEMAN
FLORIDA PE #40981

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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CKD BY:
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0006
CONTRACT NO.: W912BF-16-C-0039
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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

MECHANICAL DETAILS II

SHEET IDENTIFICATION NUMBER
M-502

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\6 Mechanical\Drawing\Sheet Files\29 M-502.dwg LAYOUT NAME: Mechanical Details II PLOTTED: Friday, October 28, 2016 - 3:00pm USER: iho

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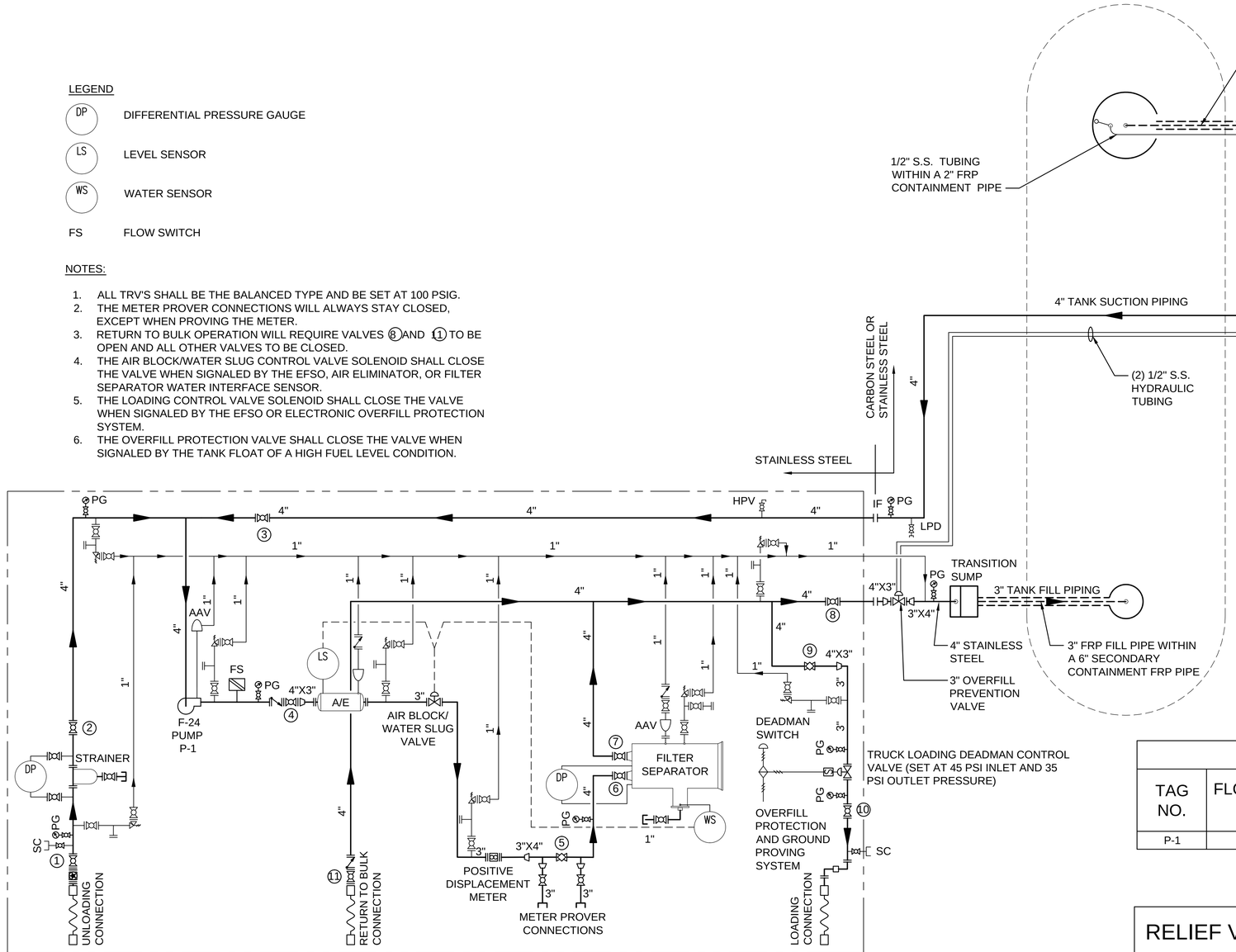
LEGEND

DP	DIFFERENTIAL PRESSURE GAUGE
LS	LEVEL SENSOR
WS	WATER SENSOR
FS	FLOW SWITCH

NOTES:

1. ALL TRV'S SHALL BE THE BALANCED TYPE AND BE SET AT 100 PSIG.
2. THE METER PROVER CONNECTIONS WILL ALWAYS STAY CLOSED, EXCEPT WHEN PROVING THE METER.
3. RETURN TO BULK OPERATION WILL REQUIRE VALVES (8) AND (11) TO BE OPEN AND ALL OTHER VALVES TO BE CLOSED.
4. THE AIR BLOCK/WATER SLUG CONTROL VALVE SOLENOID SHALL CLOSE THE VALVE WHEN SIGNALED BY THE EFSO, AIR ELIMINATOR, OR FILTER SEPARATOR WATER INTERFACE SENSOR.
5. THE LOADING CONTROL VALVE SOLENOID SHALL CLOSE THE VALVE WHEN SIGNALED BY THE EFSO OR ELECTRONIC OVERFILL PROTECTION SYSTEM.
6. THE OVERFILL PROTECTION VALVE SHALL CLOSE THE VALVE WHEN SIGNALED BY THE TANK FLOAT OF A HIGH FUEL LEVEL CONDITION.



VALVE OPERATION CHART

VALVE NO.	TRUCK LOADING	TRUCK OFFLOADING
1	NC	NO
2	NC	NO
3	NO	NC
4	NO	NO
5	NO	NO
6	NO	NO
7	NO	NO
8	NC	NO
9	NO	NC
10	NO	NC
11	NC	NC

NC- DENOTES NORMALLY CLOSED
NO- DENOTES NORMALLY OPEN

PUMP SCHEDULE

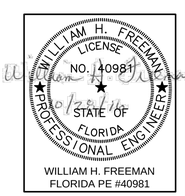
TAG NO.	FLOW RATE (GPM)	PRESSURE DIFFERENTIAL (PSI)	HP	V	PH	Hz
P-1	300	80	20	460	3	60

RELIEF VALVE SCHEDULE

TAG	PRESSURE SETTING (PSI)
ALL TRVs	100

B2 TRUCK LOADING/UNLOADING PUMP SKID DIAGRAM
SCALE: NOT TO SCALE
M-601

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS



WILLIAM H. FREEMAN
FLORIDA PE #40981

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

FUELING SYSTEM SCHEMATIC FLOW DIAGRAM

SHEET IDENTIFICATION NUMBER
M-601

GENERAL NOTES:

1. THE CONTRACTOR SHALL DESIGN AND CONSTRUCT ALL ELECTRICAL COMPONENTS FOR THE VARIOUS FUELING PROJECTS AT ST PAUL HOLMAN FIELD. THIS INCLUDES DESIGN, CONSTRUCTION, ALL NECESSARY LABOR, EQUIPMENT, AND MATERIALS FOR A FULLY FUNCTIONAL ELECTRICAL SYSTEM REQUIRED FOR SATISFACTORY OPERATION OF THIS PROJECT.
2. THE ELECTRICAL WORK MUST BE PROVIDED IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE, NFPA 101 LIFE SAFETY CODE, NFPA 780, API 500, AND UFC 3-460-01 "PETROLEUM FUEL FACILITIES."
3. THE DESIGN AND CONSTRUCTION OF THE ELECTRICAL SYSTEM SHALL INCLUDE, BUT NOT BE LIMITED TO:
   A. PROVIDE GROUNDING SYSTEM FOR THE LOADING/OFFLOADING SKID.
   B. PROVIDE EFSO CONTROLS AND SIGNAGE
   C. PROVIDE MODIFICATIONS TO ELECTRICAL SKID
   D. PROVIDE AREA LIGHTING FOR LOADING/OFFLOADING SKID.
4. ALL MATERIALS USED MUST BE IN COMPLIANCE WITH ASTM STANDARDS OR UNDERWRITERS LABORATORIES INC. (UL) LISTED MATERIALS. EQUIPMENT ENCLOSURE TYPES MUST BE IN COMPLIANCE WITH THE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA). MATERIAL AND EQUIPMENT INSTALLED MUST BE FOR THE APPROPRIATE APPLICATION.
5. MATERIALS AND EQUIPMENT MUST BE A STANDARD PRODUCT OF A MANUFACTURER REGULARLY ENGAGED IN THE MANUFACTURE OF THE PRODUCT AND MUST ESSENTIALLY DUPLICATE ITEMS THAT HAVE BEEN IN SATISFACTORY USE FOR AT LEAST 2 YEARS. EQUIPMENT INSTALLED MUST BE CAPABLE OF BEING SERVICED BY AN ORGANIZATION THAT IS, IN THE OPINION OF THE CONTRACTING OFFICER, REASONABLY CONVENIENT TO THE SITE.
6. MATERIALS AND EQUIPMENT MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. MAJOR COMPONENTS OF EQUIPMENT MUST HAVE THE MANUFACTURER'S NAME, ADDRESS, TYPE OR STYLE, VOLTAGE AND CURRENT RATING, AND CATALOG NUMBER ON A NON-CORROSIVE AND NON-HEAT SENSITIVE PLATE, SECURELY ATTACHED TO THE EQUIPMENT.
7. ALL EQUIPMENT DELIVERED AND PLACED IN STORAGE, PRIOR TO INSTALLATION, MUST BE PROTECTED FROM THE WEATHER, HUMIDITY, AND TEMPERATURE VARIATIONS, DIRT AND DUST, AND ANY OTHER CONTAMINANTS.
8. ALL ELECTRICAL EQUIPMENT, FIXTURES AND COMPONENTS USED AND INSTALLED WITHIN HAZARDOUS AREAS AS DEFINED BY THE NEC SHALL BE SUITABLE FOR THOSE LOCATIONS.
9. ALL WIRING AND CABLES MUST BE COPPER, INSULATION MUST BE RATED TYPE THWN-2, MARKED "GASOLINE AND OIL RESISTANT" AND INSTALLED IN CONDUITS. MINIMUM WIRE SIZE, EXCEPT FOR CONTROL CABLES, MUST BE #12 AWG.
10. EXTERIOR WIRING AND CABLES MUST BE INSTALLED IN PVC (SCHEDULE 40, MIN) CONDUITS UNO.
11. PROVIDE GROUNDING IN ACCORDANCE WITH THE 2014 NEC, IN PARTICULAR ARTICLE 250. GROUND RESISTANCE MUST NOT EXCEED 25 OHMS. PROVIDE EQUIPMENT GROUNDING CONDUCTOR FOR ALL POWER AND CONTROL RACEWAYS.
12. ALL RACEWAYS MUST BE CONCEALED IN FINISHED SLAB OR GRADE. ALL RACEWAYS MUST BE INSTALLED PARALLEL AND PERPENDICULAR TO CEILINGS.
13. ALL CONDUCTOR SPLICING MUST BE PERFORMED IN JUNCTION OR PULL BOXES; MINIMIZE SPLICING OF CONDUCTORS. PROPER WIRE NUTS/CONNECTORS MUST BE UTILIZED FOR SPLICING WIRE. DO NOT PROVIDE TWIST WIRE CONNECTORS OR ELECTRICAL TAPE WRAPPED AROUND THE WIRE.
14. PROVIDE SCHEDULE 40 PVC CONDUIT (MINIMUM THICKNESS) FOR ALL UNDERGROUND CONDUITS AND RIGID GALVANIZED STEEL CONDUITS INCLUDING ELBOW RISERS AND CONDUITS EXPOSED TO THE WEATHER. BURY CONDUITS AT A MINIMUM DEPTH OF 24 INCHES BELOW GRADE OR PAVEMENT OR GRASS UNO.
15. PROVIDE PULL WIRE FOR ALL EMPTY CONDUITS.
16. CABLE WARNING TAPE SHALL BE PROVIDED 6 INCHES ABOVE ALL UNDERGROUND CONDUITS.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING HAND-HOLES, MANHOLES AND/OR PULL BOXES, WHEREVER DEEMED NECESSARY.
18. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR EACH 120V BRANCH CIRCUIT WHEN CIRCUITS ARE COMBINED INTO A SINGLE CONDUIT PER NEC FOR MULTIWIRE CIRCUITS.
19. ALL EMPTY CONDUITS MUST BE PROVIDED WITH A PULL ROPE. ALL PULL ROPES MUST BE SECURELY ATTACHED AT THE END OF EACH CONDUIT OR PULL BOX.
20. GRANT THE GOVERNMENT JOINT OCCUPANCY OF ALL ELECTRICAL, COMMUNICATIONS AND CONTROLS ENCLOSURES 14 DAYS PRIOR TO COMPLETION OF THE FACILITY.
21. ALL COMMUNICATIONS & CONTROL CABLES MUST BE CONTINUOUS WITHOUT SPLICES FROM TERMINATION POINT TO TERMINATION POINT.
22. ALL CONDUCTORS AND CABLES MUST BE INSTALLED IN CONDUIT.
23. FOR 20A, 1P, 120V CKT LESS THAN 60 FT, PROVIDE #12 CONDUCTORS FOR PH, NEUT., AND EQUIP GND. FOR DISTANCE EXCEEDING 60 FT, PROVIDE #10 CONDUCTORS FOR PH, NEUT, AND EQUIP GND. PROVIDE SEPARATE NEUT CONDUCTOR FOR EA CKT.
24. PROVIDE A MINIMUM OF 8 HOURS OF NORMAL WORKING TIME TO TRAIN THE OPERATING STAFF OF ALL ASPECTS OF THE ELECTRICAL POWER DISTRIBUTION, FIRE ALARM SYSTEM, AND THE FUELING CONTROL SYSTEMS. ALL SYSTEMS MUST BE TESTED IN THE PRESENCE OF THE CONTRACTING OFFICER FOR SATISFACTORY OPERATION PRIOR TO ACCEPTANCE.
25. EMERGENCY FUEL SHUT-OFF (EFSO) STATION HOUSING SHALL BE A GALVANIZED STEEL ENCLOSURE WITH A HINGED GLASS FRONT AND AN OPEN BOTTOM. PAINT THE ENCLOSURE RED. MOUNTING HARDWARE SHALL BE CORROSION RESISTANT. MOUNT AN EMERGENCY PUSHBUTTON INSIDE THE STATION HOUSING. PUSHBUTTON SHALL BE ACCESSIBLE THROUGH THE HINGED FRONT. PUSHBUTTON SHALL BE A SINGLE UNIT WITH A JUMBO MUSHROOM OPERATOR, 1-NC AND 1-NO CONTACT. DURING ACTIVATION, THE PUSHBUTTON SHALL MAINTAIN CONTACT UNTIL DEACTIVATED BY A KEY RELEASE. MOUNT A CAUTION SIGN BESIDE THE EMERGENCY SHUTDOWN STATION, WITH RED 50 MM 2 INCH LETTERS STATING "EMERGENCY SHUTDOWN". THE SIGN SHALL HAVE WHITE BACKGROUND AND BE OF NONCORROSIVE CONSTRUCTION.

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

ABBREVIATIONS

A, AMP	AMPERAGE	V	VOLT, VOLTAGE
AFF	ABOVE FINISH FLOOR	VA	VOLT AMPS
AIC	AMPERE INTERRUPTING CAPACITY	W	WATT
		XP	EXPLOSION PROOF
API	AMERICAN PETROLEUM INSTITUTE		
ASB	ASBESTOS		
ASR	AUTOMATIC SPRINKLER RISER		
AWG	AMERICAN WIRE GAUGE		
BKR	BREAKER		
C.	CONDUIT		
CKT	CIRCUIT		
CTR	CONTROL		
DIA.	DIAMETER		
EA	EACH		
EFSO	EMERGENCY FUEL SHUT-OFF		
EQUIP.	EQUIPMENT		
FACP	FIRE ALARM CONTROL PANEL		
FT	FEET		
FVNR	FULL VOLTAGE NON-REVERSING		
GAL	GALLON		
G,GND	GROUND		
J, JB	JUNCTION BOX		
KV	KILOVOLTS		
KVA	KILOVOLT AMPERES		
LPS	LIGHTNING PROTECTION SYSTEM		
LSH	LEVEL SENSOR HIGH		
MAX	MAXIMUM		
MIN	MINIMUM		
MLO	MAIN LUG ONLY		
N.C.	NORMALLY CLOSED		
N.O.	NORMALLY OPENED		
NEC	NATIONAL ELECTRICAL CODE		
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION		
NEUT	NEUTRAL		
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		
P	POLE		
PH	PHASE		
PVC	POLYVINYL CHLORIDE		
RGS	RIGID GALVANIZED STEEL		
SPD	SURGE PROTECTIVE DEVICE		
THWN-2	THERMOPLASTIC HEAT AND WATER NYLON COATING		
TYP.	TYPICAL		
UFC	UNIFIED FACILITIES CRITERIA		
UG	UNDERGROUND		
UL	UNDERWRITERS LABORATORIES		
UNO	UNLESS OTHERWISE NOTED		

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ELECTRICAL SYMBOLS LEGEND

- ELECTRICAL EQUIPMENT AS INDICATED
- (J) JUNCTION BOX
- 70A/3P — CIRCUIT BREAKER, NUMBERS INDICATE AMPERAGE RATING AND NUMBER OF POLES
- MOTOR STARTER, FVNR
- (#) MOTOR, NUMBER INDICATES HORSEPOWER RATING
- THREADED XP SEALING FITTING
- FUSE
- EFSO STATION
- GROUND ROD
- AIR TERMINAL
- —LP— LPS MAIN CONDUCTOR
- (R) RELAY
- (C) COIL
- (#) KEY NOTE TAG
- UG CONDUIT
- EXPOSED CONDUIT
- CIRCUIT HOME RUN, MIN. #12 AWG FOR PHASE, NEUTRAL, AND EQUIPMENT GROUND CONDUCTORS IN 3/4" C. UNO.

KATHY WONG GIANG LICENSE NO. 53246 STATE OF FLORIDA PROFESSIONAL ENGINEER
10-28-2016
KATHY WONG GIANG
FLORIDA PE #53246

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

	DATE	DESCRIPTION	MARK	APPR

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DESIGNED BY: ITH
DRAWN BY: DMA
CHKD BY: CMB
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0006
CONTRACT NO.: W912BF-16-C-0039
FILE NAME: HM08E-001.DWG
FILE NUMBER: F125-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL SYMBOL LEGEND, ABBREVIATIONS, & GENERAL NOTES

SHEET IDENTIFICATION NUMBER
E-001

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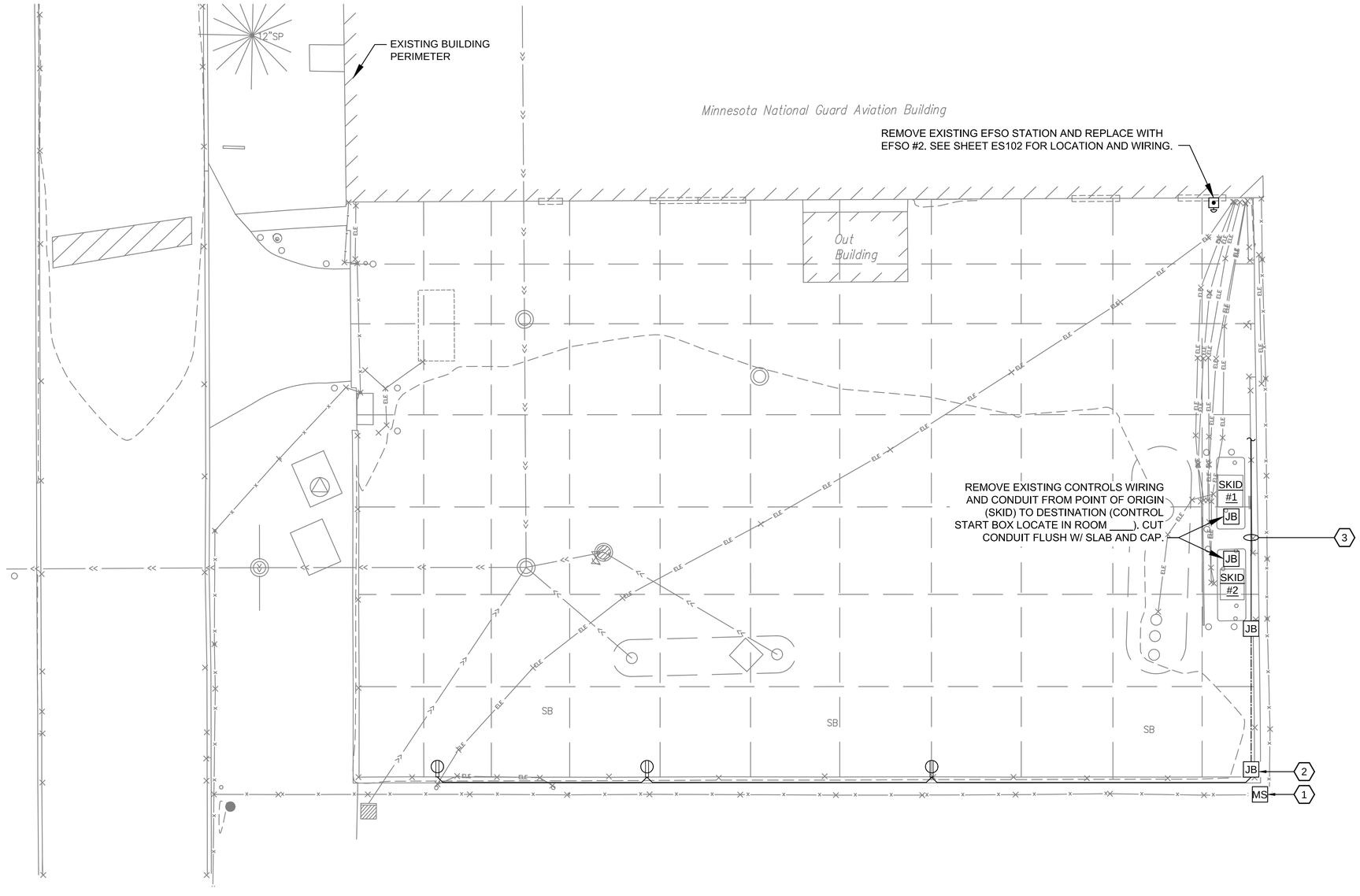


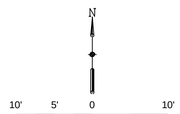
1 ED101 ELECTRICAL SITE PLAN - EXISTING CONDITIONS & DEMOLITION
SCALE: 1" = 10'-0"

GENERAL NOTES:

1. THE CONTRACTOR SHALL USE CARE DURING REMOVAL PROCESSES TO AVOID DAMAGING NEARBY FACILITIES TO REMAIN.
2. DISPOSAL OF ALL REMOVED MATERIALS SHALL BE OUTSIDE THE LIMITS OF GOVERNMENT-CONTROLLED LANDS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
3. THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER REPRESENTATIVE IF ANY MATERIAL TO BE DISPOSED OF IS FOUND TO CONTAIN HAZARDOUS, TOXIC, BIOLOGICAL OR RADIOLOGICAL SUBSTANCES.
4. RUBBISH AND DEBRIS SHALL BE REMOVED FROM GOVERNMENT PROPERTY DAILY TO AVOID ACCUMULATION AT THE PROJECT SITE.
5. PROPERLY DISPOSE OF EXISTING CONTROL PANEL, CONTROL WIRING, BRANCH CIRCUIT CONDUCTORS AND CONDUITS. CONDUITS CAN BE ABANDONED IN-PLACE IF IT IS INACCESSIBLE. HOWEVER, CONDUIT SHALL BE PLUGGED AND CAPPED. CUT CONDUIT FLUSH WITH FINISHED GRADE. EXISTING CONDUIT MAYBE RE-USED AT CONTRACTOR RISK AND EXPENSE.
6. EXISTING UNDERGROUND FEEDER CONDUCTORS AND CONDUITS FOR DEMOLISHED MOTOR TO REMAIN FOR RE-USE. TERMINATE CONDUCTORS AND CONDUITS AT JB WITH UNISTRUT SUPPORT. MOUNT JB AT 24" AFF TO BOTTOM.
7. ALL EXISTING ELECTRICAL EQUIPMENT ARE FUNCTIONAL AND OPERATIONAL. CONTRACTOR SHALL NOTIFY CONTRACTING OFFICER REPRESENTATIVE IMMEDIATELY IF EQUIPMENT, BRANCH CIRCUITS ARE FOUND TO BE DEFECTIVE.

KEY NOTES (#):

1. REMOVE EXISTING MOTION SENSOR AND WIRING BACK TO NEAREST JUNCTION BOX FOR FENCING WORK. RE-INSTALL MOTION SENSOR AFTER GATE INSTALLATION IS COMPLETED. INSTALL CONDUCTORS IN 3/4" C.
2. PROVIDE JUNCTION BOX AND INTERCEPT EXISTING RECEPTACLE CIRCUIT (2#12 & 1#12 GND IN 3/4" C.). AND EXTEND CIRCUITS VIA UNDERGROUND TO JUNCTION BOX AS INDICATED.
3. EXISTING RECEPTACLE CIRCUIT (2#12 & 1#12 GND IN 3/4" C.) SURFACE MOUNTED ON PERIMETER FENCE TO REMAIN.



SCALE: 1" = 10'-0"

KATHY WONG GIANG
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10-28-2016
STATE OF FLORIDA
PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
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DESIGNED BY: ITH
DRAWN BY: DMA
CKD BY: GMB
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0004
CONTRACT NO.: W912BF-16-C-0039
FILE NAME: HM08ED1D1.DWG
FILE NUMBER: F12S-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL SITE PLAN - EXISTING CONDITIONS & DEMOLITIONS

SHEET IDENTIFICATION NUMBER
ED101

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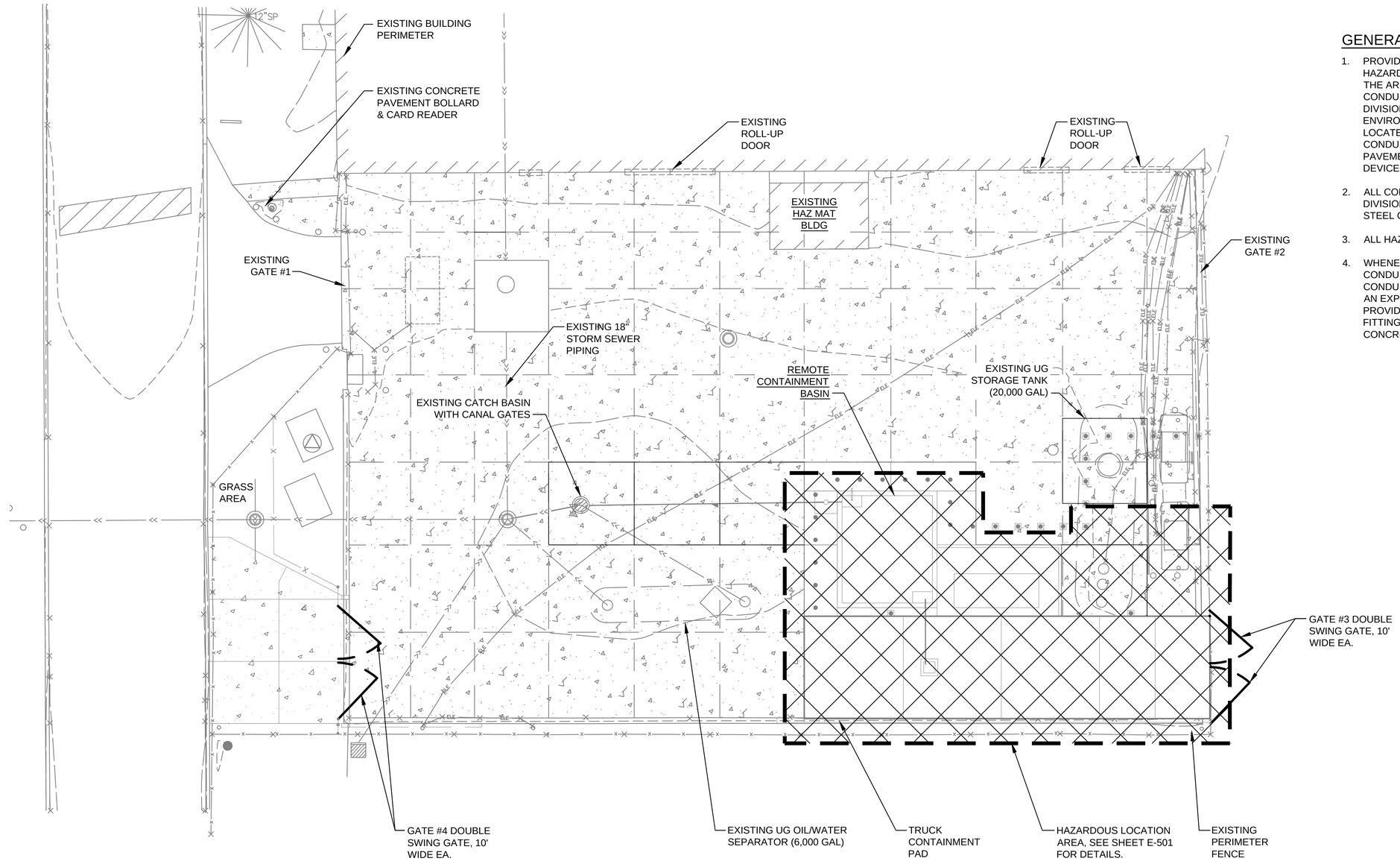

GENERAL NOTES:

1. PROVIDE RIGID GALVANIZED STEEL CONDUIT FOR HAZARDOUS AREAS. ALL CONDUITS ENTERING OR EXITING THE AREAS MUST BE PROVIDED WITH EXPLOSION PROOF CONDUIT SEAL FITTINGS, UL LISTED FOR USE IN CLASS I, DIVISION 1 & 2, GROUPS A,B,C&D, CLASSIFIED HAZARDOUS ENVIRONMENTS, CROUSE HINDS "EYS" SERIES OR EQUAL. LOCATE FITTINGS AT 18" ABOVE FINISHED SLAB WHERE CONDUITS EMERGE FROM EARTH OR CONCRETE SLAB OR PAVEMENT AND WITHIN 18" OF CONDUIT TERMINATION AT DEVICE OR EQUIPMENT AT EACH END OF CONDUITS.
2. ALL CONDUITS ROUTED WITHIN OR THROUGH A CLASS 1, DIVISION 1 & 2 AREA MUST BE THREADED RIGID GALVANIZED STEEL CONDUIT.
3. ALL HAZARDOUS LOCATION SEALS MUST BE ACCESSIBLE.
4. WHENEVER POSSIBLE, INSTALL ALL DEVICES AND ROUTE ALL CONDUITS OUTSIDE OF THE DEFINED HAZARDOUS AREA. IF CONDUITS MUST BE ROUTED THROUGH HAZARDOUS AREAS, AN EXPLOSION PROOF CONDUIT SEAL FITTING MUST BE PROVIDED AT EACH END OF THE CONDUIT WHERE THE FIRST FITTING AFTER THE CONDUIT EMERGES FROM THE EARTH OR CONCRETE.

1 ES101 — ELECTRICAL SITE PLAN - OVERALL/HAZARDOUS AREA CLASSIFICATION
SCALE: 1" = 10'-0"

N
10' 5' 0 10'
SCALE: 1" = 10'-0"

KATHY WONG GIANG LICENSE NO. 53246 10-28-2016 STATE OF FLORIDA PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

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OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: ITH
DWN BY: CKB
CKD BY: CKB
SUBMITTED BY: KWG
FILE NAME: HM08ES101.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BP-16-B-0006
CONTRACT NO.: W912BP-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL SITE PLAN
OVERALL/HAZARDOUS AREAS
CLASSIFICATION

SHEET IDENTIFICATION NUMBER
ES101

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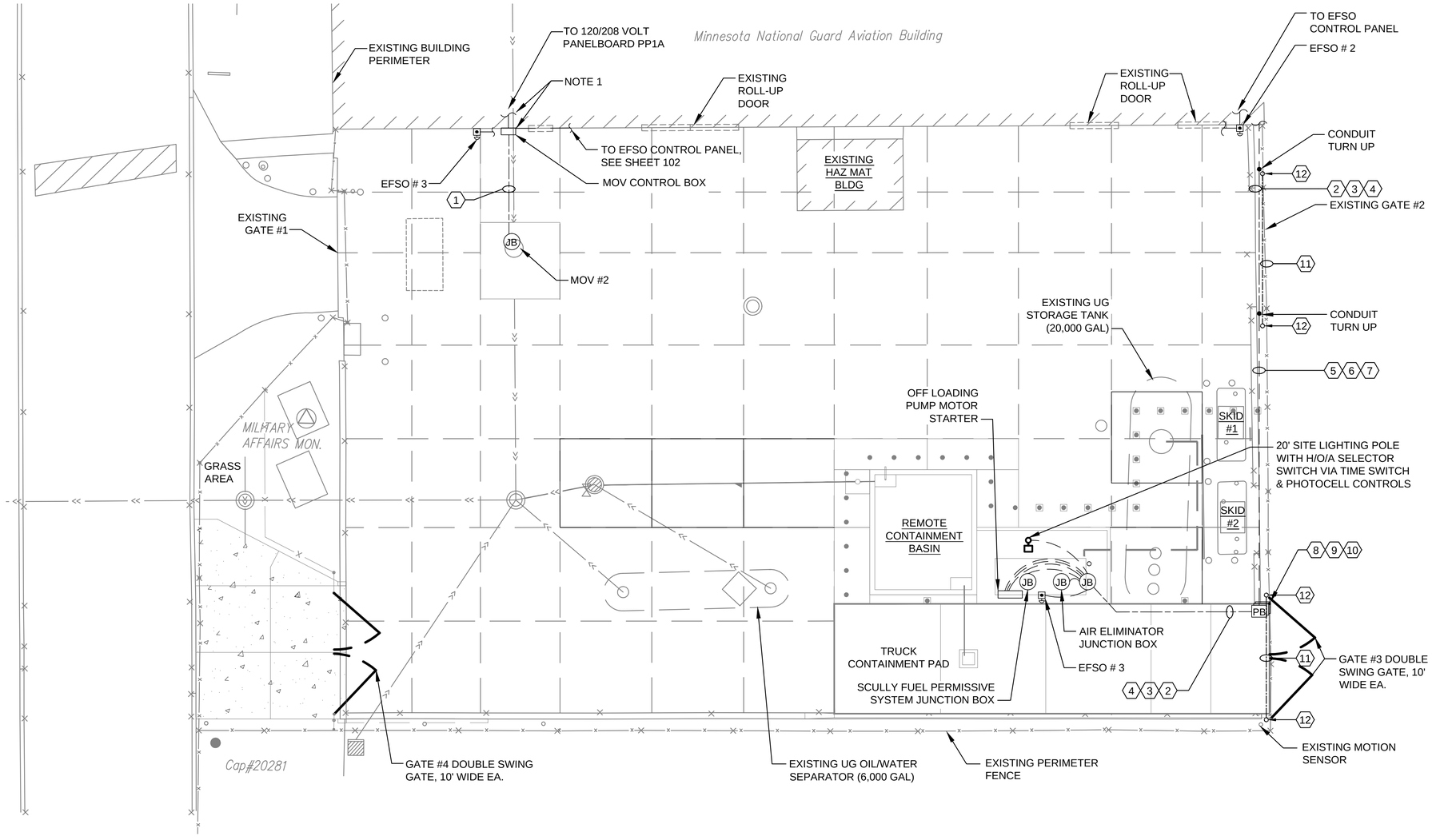

1 ES102 — ELECTRICAL SITE PLAN - POWER
SCALE: 1" = 10'-0"

GENERAL NOTE:

1. PROVIDE WALL MOUNTED CONTROL PANEL FOR MOV #2. RUN POWER AND CONTROL CABLE FROM WALL MOUNTED CONTROL PANEL TO MOV #2. FEED WALL MOUNTED CONTROL PANEL FROM 120/208 VOLT PANELBOARD "PP1A".

KEY NOTES: (#)

1. 3 #8 AWG & 1 #8 AWG GND FOR MOV 208 3ϕ FEEDER CIRCUIT
2. (4) 2#8 AWG & 1#8 AWG GND IN 1-1/2" UNDERGROUND CONDUIT FOR THE FOLLOWING 120V FEEDER CIRCUITS: OFF LOADING MOTOR HEATER, LIGHTING CIRCUIT, AIR ELIMINATOR, SKULLY SYSTEM
3. 4 #3 AWG & 1 #4 AWG GND IN 1-1/2" UNDERGROUND CONDUIT FOR 480V 3ϕ OFF LOAD PUMP FEEDER CIRCUIT
4. (2) 3 #12 AWG EFSO CONTROL CIRCUITS IN 1" UNDERGROUND CONDUIT FOR OFF LOADING PUMP MOTOR STARTER AND EFSO PUSH BUTTON #2
5. (4) 2#8 AWG & 1#8 AWG GND IN 1-1/2" EXPOSED CONDUIT FOR THE FOLLOWING 120V FEEDER CIRCUITS: OFF LOADING MOTOR HEATER, LIGHTING CIRCUIT, AIR ELIMINATOR, SKULLY SYSTEM
6. 4 #3 AWG & 1 #4 AWG GND IN 1-1/2" EXPOSED CONDUIT FOR 480V 3ϕ OFF LOAD PUMP FEEDER CIRCUIT
7. (2) 3 #12 AWG EFSO CONTROL CIRCUITS IN 1" EXPOSED CONDUIT FOR OFF LOADING PUMP MOTOR STARTER AND EFSO PUSH BUTTON #2
8. PULL BOX FOR CONDUIT/CIRCUITS DESCRIBED IN REFERENCE NOTE 2
9. PULL BOX FOR CONDUIT/CIRCUIT DESCRIBED IN REFERENCE NOTE 3
10. PULL BOX FOR CONDUIT/CIRCUITS DESCRIBED IN REFERENCE NOTE 4
11. 2 - 1" EMPTY CONDUITS FOR FUTURE USE.
12. STUBUP CONDUIT AT 6" AFF AND CAP.

N
10' 5' 0 10'
SCALE: 1" = 10'-0"

KATHY WONG GIANG LICENSE NO. 53246 ★ PROFESSIONAL ENGINEER ★ STATE OF FLORIDA
10-28-2016
KATHY WONG GIANG
FLORIDA PE #53246

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US ARMY CORPS OF ENGINEERS
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DESIGNED BY: ITH
DWN BY: DWA
CHD BY: GMB
SUBMITTED BY: KWG
FILE NAME: HM08ES102.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0002
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL SITE PLAN - POWER

SHEET IDENTIFICATION NUMBER
ES102

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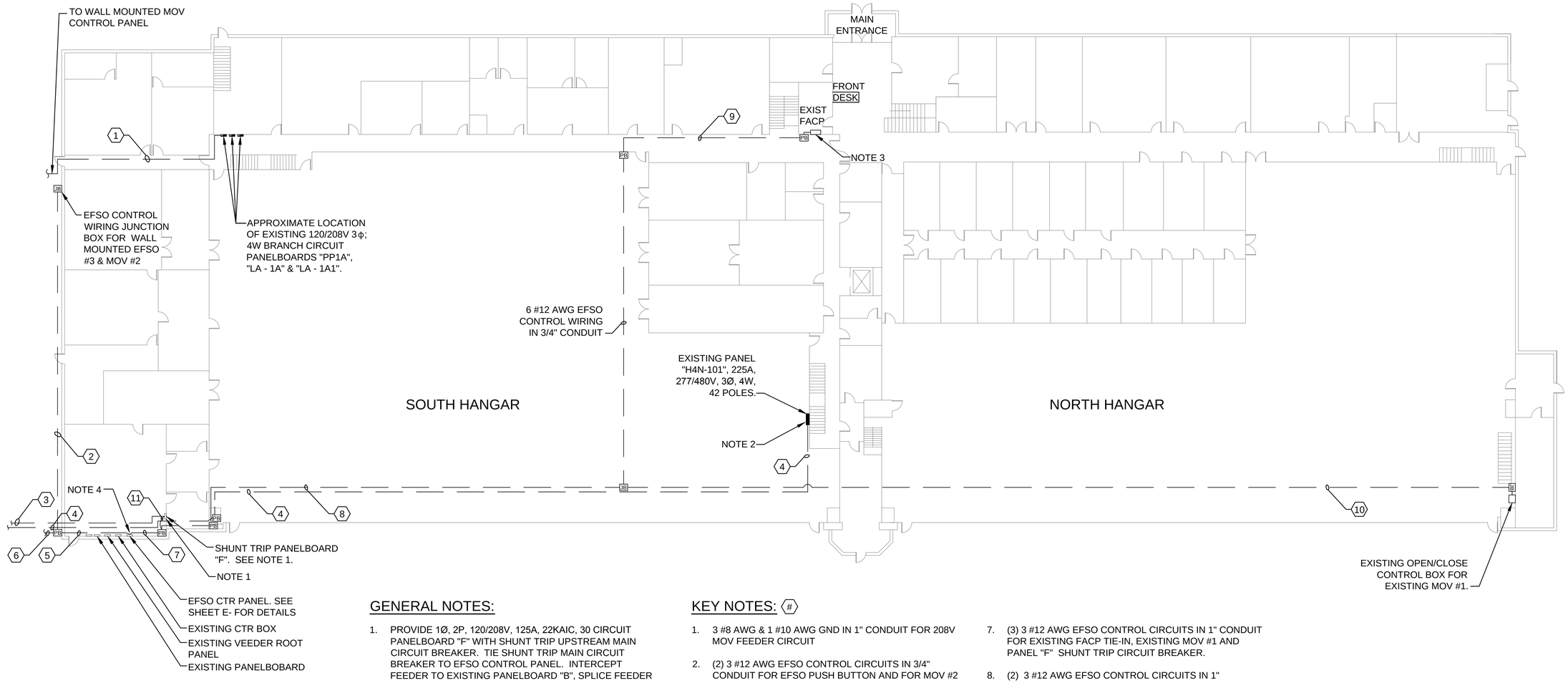

GENERAL NOTES:

1. PROVIDE 1Ø, 2P, 120/208V, 125A, 22KAIC, 30 CIRCUIT PANELBOARD "F" WITH SHUNT TRIP UPSTREAM MAIN CIRCUIT BREAKER. TIE SHUNT TRIP MAIN CIRCUIT BREAKER TO EFSO CONTROL PANEL. INTERCEPT FEEDER TO EXISTING PANELBOARD "B", SPLICE FEEDER IN JUNCTION BOX TO FEED PANEL "F".
2. PROVIDE 480V, 90 AMP, 3P DUAL ELEMENT TIME DELAY CIRCUIT BREAKER IN EXISTING SPACE TO FEED OFF LOAD PUMP MOTOR. CIRCUIT BREAKER SHALL MATCH EXISTING PANEL CIRCUIT BREAKERS IN STYLE AND AIC RATING.
3. PROVIDE RELAY IN EXISTING FACP FOR CONNECTION TO EFSO CONTROL PANEL. COORDINATE WITH COR FOR CONNECTIONS TO EXISTING FACP.
4. PROVIDE 1Ø, 1P, 120V, 20A, CIRCUIT BREAKER IN SPACE IN ADJACENT PANELBOARD "M" MATCHING EXISTING CIRCUIT BREAKERS IN STYLE AND AIC RATING. RUN 2 #12 AWG & 1 #12 GND IN 3/4" CONDUIT FROM PANEL "M" TO FEED EFSO CONTROL PANEL.

KEY NOTES: (#)

1. 3 #8 AWG & 1 #10 AWG GND IN 1" CONDUIT FOR 208V MOV FEEDER CIRCUIT
2. (2) 3 #12 AWG EFSO CONTROL CIRCUITS IN 3/4" CONDUIT FOR EFSO PUSH BUTTON AND FOR MOV #2 SHUNT TRIP
3. (4) 2 #8 AWG & 1 #8 AWG GND IN 1-1/2" CONDUIT FOR THE FOLLOWING 120V FEEDER CIRCUITS: OFF LOADING MOTOR HEATER, LIGHTING CIRCUIT, AIR ELIMINATOR, SCULLY SYSTEM
4. 4 #3 AWG & 1 #4 AWG GND IN 1-1/2" CONDUIT FOR 480V 3ϕ OFF LOAD PUMP FEEDER CIRCUIT
5. (4) 3 #12 AWG EFSO CONTROL CIRCUITS IN 1" CONDUIT FOR: OFF LOADING PUMP MOTOR STARTER, EFSO PUSH BUTTON #2, EFSO PUSH BUTTON AND MOV #2 SHUNT TRIP
6. (2) 3 #12 AWG EFSO CONTROL CIRCUITS IN 1" CONDUIT FOR OFF LOADING PUMP MOTOR STARTER AND EFSO PUSH BUTTON #2
7. (3) 3 #12 AWG EFSO CONTROL CIRCUITS IN 1" CONDUIT FOR EXISTING FACP TIE-IN, EXISTING MOV #1 AND PANEL "F" SHUNT TRIP CIRCUIT BREAKER.
8. (2) 3 #12 AWG EFSO CONTROL CIRCUITS IN 1" CONDUIT FOR EXISTING FACP TIE-IN AND EXISTING MOVE #1
9. (1) 3 #12 AWG EFSO CONTROL CIRCUIT IN 3/4" FOR EXISTING FACP TIE-IN IN 3/4" CONDUIT
10. (1) 3 #12 AWG EFSO CONTROL CIRCUIT IN 3/4" CONDUIT FOR EXISTING MOVE #1
11. (1) 3 #12 AWG EFSO CONTROL CIRCUIT IN 3/4" CONDUIT FOR 120/208V PANELBOARD "F" SHUNT TRIP BREAKER

1 ES103 ELECTRICAL BUILDING PLAN - POWER
SCALE: 1/16" = 1'-0"

1' 1/2" 0 1'
SCALE: 1/16" = 1'-0"

KATHY WONG GIANG LICENSE NO. 53246 10-28-2016 STATE OF FLORIDA PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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SUBMITTED BY: KWG
FILE NAME: HM08ES103.DWG

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

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FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL BUILDING PLAN - POWER

SHEET IDENTIFICATION NUMBER
ES103

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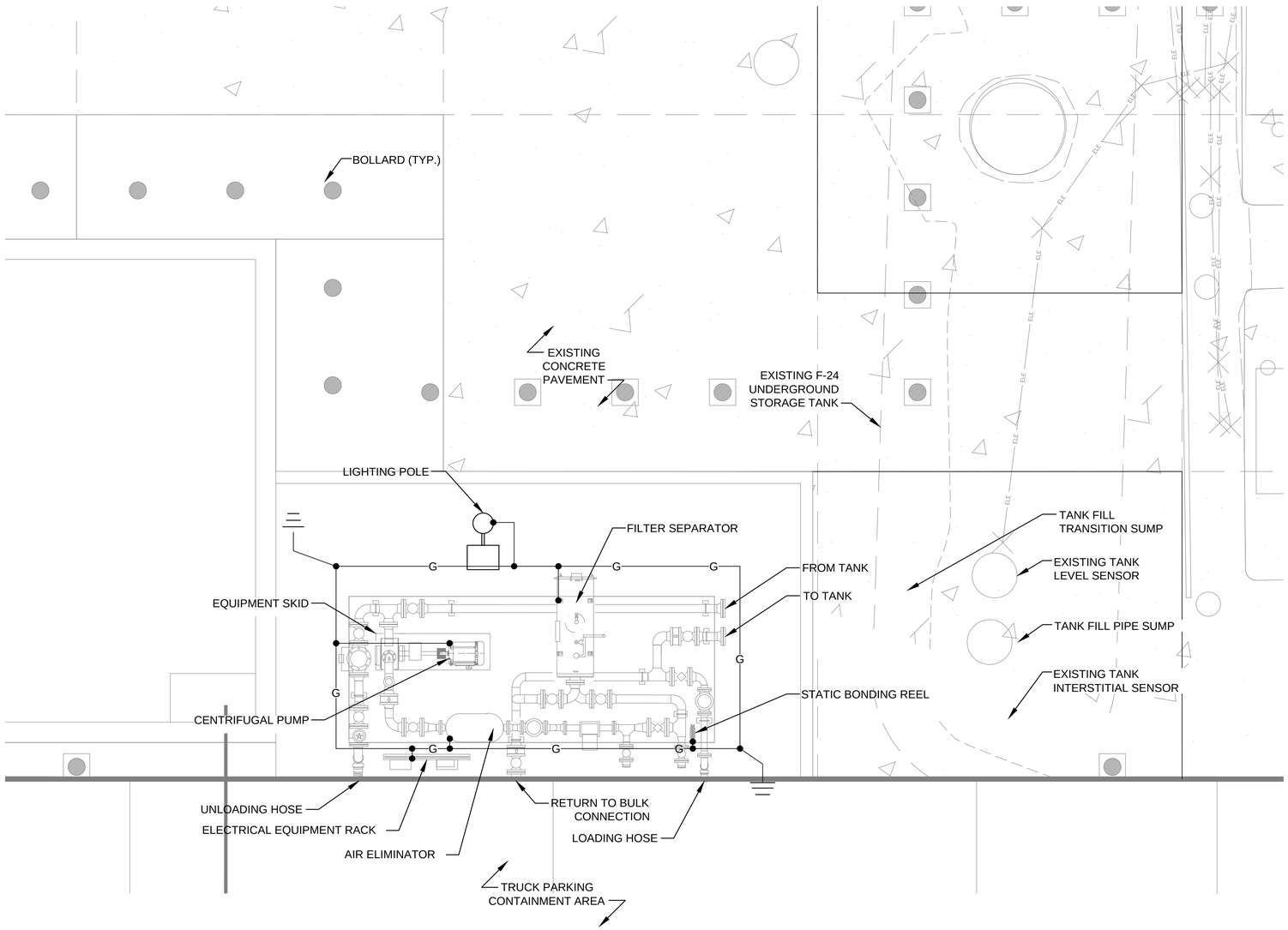
GENERAL NOTES:

1. GROUND RODS SHALL BE DRIVEN TO A MINIMUM DEPTH OF 10'-0" BELOW GRADE AND 2'-0" AWAY FROM FOUNDATION WALL.
2. CONNECTIONS TO GROUND ELECTRODE SHALL BE MADE AT A POINT NOT LESS THAN 12" BELOW GRADE AND 2'-0" AWAY FROM FOUNDATION WALL.



1 / E-401 ENLARGED PLAN - GROUNDING - FUEL STORAGE TANK AREA/FILLSTAND
SCALE: 3/8" = 1'-0"

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

N
1 0 2
SCALE: 3/8" = 1'-0"

KATHY WONG GIANG LICENSE NO. 53246 10-28-2016 STATE OF FLORIDA PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: ITH
DRWN BY: DAA
CKD BY: GMB
SUBMITTED BY: KWG
FILE NAME: HM09E-401.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0052
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

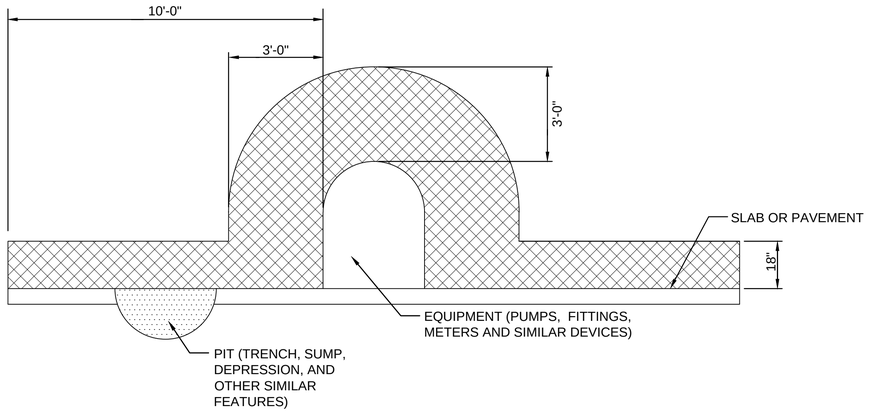
KNK ENGINEERING CONSULTING CORP.
7680 UNIVERSAL BLVD., SUITE 600
ORLANDO, FLORIDA 32819
(407) 715 - 7780; CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

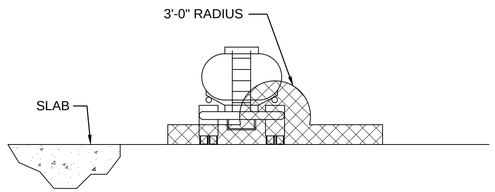
ENLARGED PLAN
GROUNDING
FUEL STORAGE TANK AREA/FILLSTAND

SHEET IDENTIFICATION NUMBER
E-401

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"



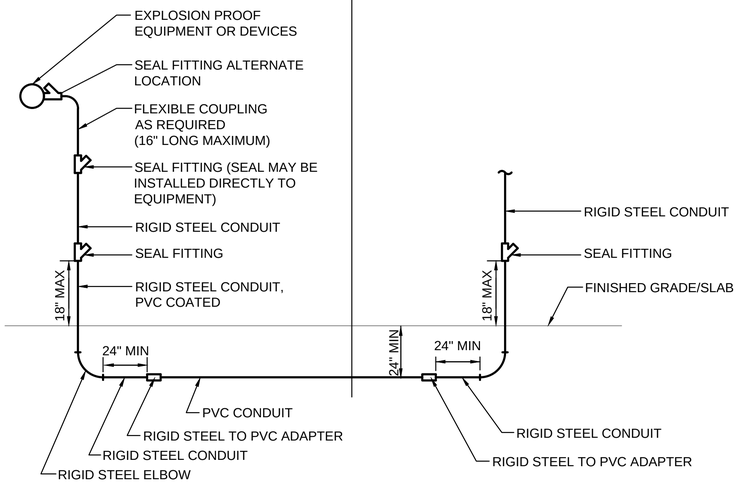
C1 TYPICAL HAZARDOUS CLASSIFICATION FOR EQUIPMENT, FITTINGS, METERS, AND SIMILAR DEVICES DETAIL
SCALE: NONE
E-501



C3 TYPICAL HAZARDOUS CLASSIFICATION FOR UNLOADING DETAIL
SCALE: NONE
E-501

LEGEND

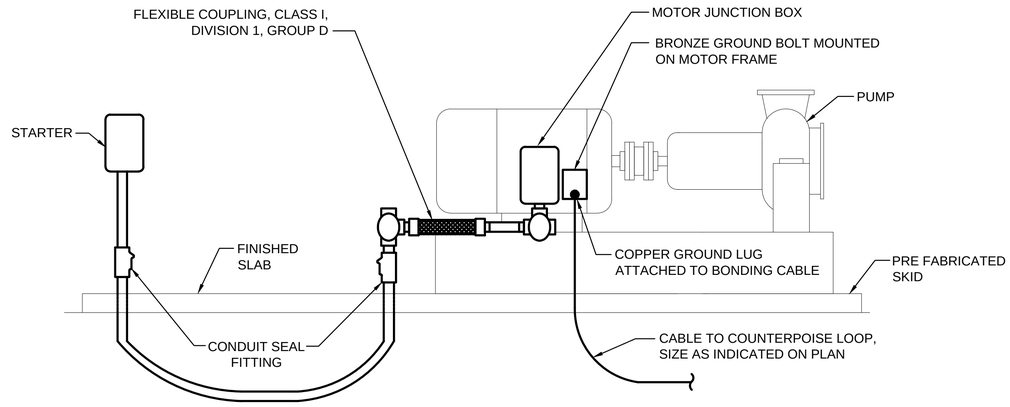
- CLASS I, DIVISION 1
- CLASS I, DIVISION 2



NOTES:

1. VERTICAL SEAL FITTINGS AT EQUIPMENT SHALL BE PROVIDED WITH AUTOMATIC DRAINS LISTED FOR USE IN CLASS I, DIVISION 1, GROUP D LOCATIONS.
2. ALL UNDERGROUND CONDUITS ORIGINATING IN A CLASSIFIED AREA SHALL BE PROVIDED WITH A SEAL FITTING WITHIN 18 INCHES OF EXISTING GRADE IN A NON-CLASSIFIED AREA UNLESS OTHERWISE COVERED BY NOTE 1.

A1 TYPICAL EQUIPMENT OR DEVICES CONNECTION DETAIL
SCALE: NONE
E-501



A3 TYPICAL OFFLOAD PUMP MOTOR CONNECTION DETAIL
SCALE: NONE
E-501

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KATHY WONG GIANG LICENSE NO. 53246 10-28-2016 STATE OF FLORIDA PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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DRAWN BY: DAW
CKD BY: GMB
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NAME: HM09E-501.DWG
FILE NUMBER: F125-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7500 WEST SAND LAKE ROAD, SUITE 6300
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(407) 716 - 7760 CA # 28508

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL DETAILS I

SHEET IDENTIFICATION NUMBER
E-501

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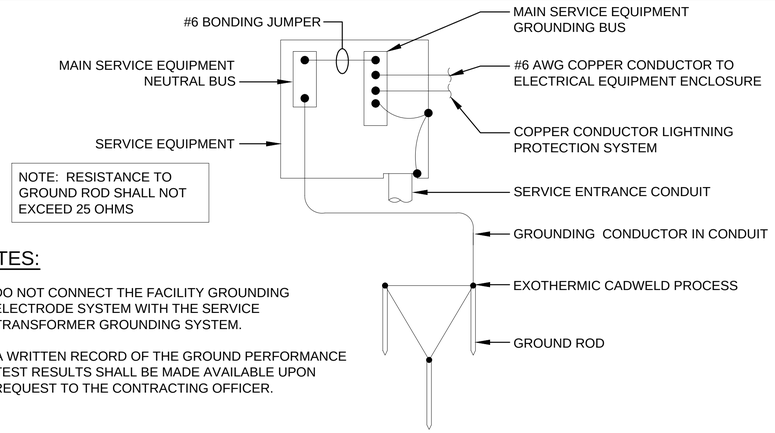
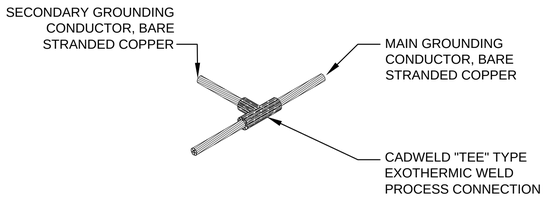


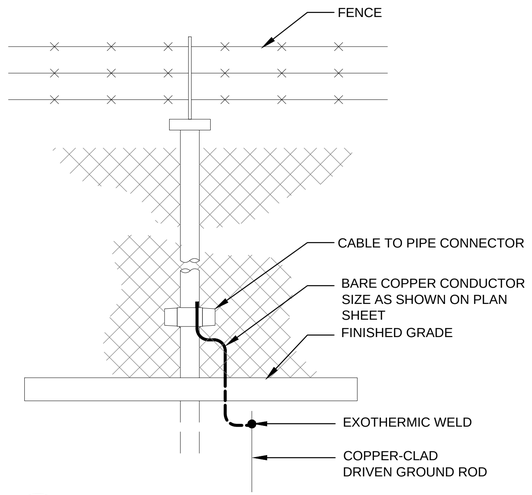
NOTES:

1. DO NOT CONNECT THE FACILITY GROUNDING ELECTRODE SYSTEM WITH THE SERVICE TRANSFORMER GROUNDING SYSTEM.
2. A WRITTEN RECORD OF THE GROUND PERFORMANCE TEST RESULTS SHALL BE MADE AVAILABLE UPON REQUEST TO THE CONTRACTING OFFICER.

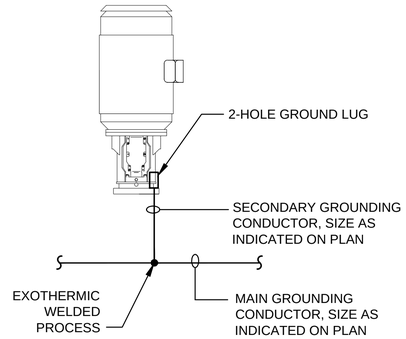
C1 SERVICE GROUNDING ELECTRODE SYSTEM DETAIL
SCALE: NONE
E-502



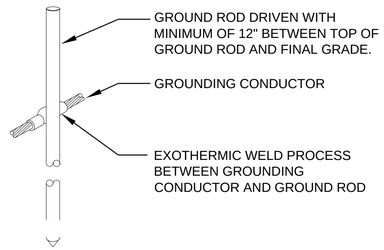
B1 TYPICAL CABLE TO CABLE DETAIL
SCALE: NONE
E-502



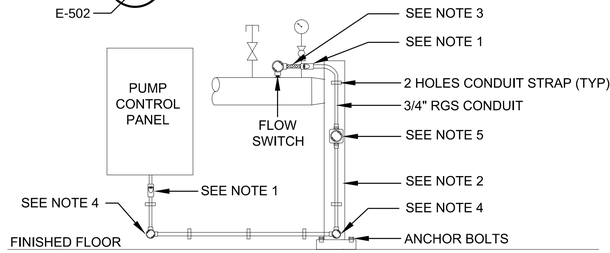
A1 TYPICAL FENCE POST GROUNDING DETAIL
SCALE: NONE
E-502



C2 TYPICAL OFFLOAD MOTOR GROUNDING DETAIL
SCALE: NONE
E-502



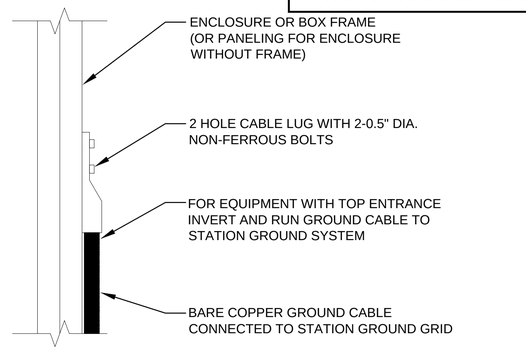
B2 TYPICAL GROUND ROD DETAIL
SCALE: NONE
E-502



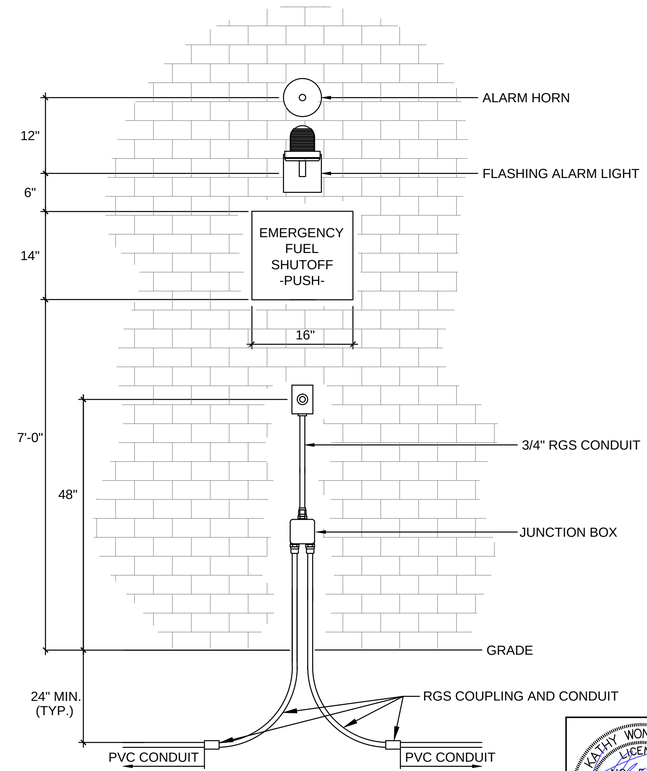
NOTES (TYPICAL FLOW SWITCH DETAIL):

1. EXPLOSION PROOF SEAL FITTING(S) LISTED BY THE MANUFACTURER AS SUITABLE FOR USE IN CLASS 1, DIVISION 1 & 2, GROUPS ABCD CLASSIFIED HAZARDOUS ENVIRONMENTS. BASIS OF DESIGN: CROUSE HINDS EYS SERIES.
2. C4 X 5.4 GALVANIZED STEEL CHANNEL. PROVIDE BITUMINOUS COATING ON PORTION OF CHANNEL EMBEDDED IN CONCRETE.
3. EXPLOSION PROOF LIQUID TIGHT FLEXIBLE METAL CONDUIT LISTED BY THE MANUFACTURER AS SUITABLE FOR USE IN CLASS I, DIVISION 1 & 2, GROUPS ABCD. BASIS OF DESIGN: CROUSE-HINDS ECLK SERIES.
4. LENGTH MUST NOT EXCEED 18". EXPLOSION PROOF CONDULET (CONDUIT BODY) TYPE "LB", "C", AND "TEE" AS APPROPRIATE, SUITABLE FOR INSTALLATION IN CLASS I, DIVISION 1 & 2, GROUPS C&D CLASSIFIED HAZARDOUS ENVIRONMENT. BASIS OF DESIGN: CROUSE-HINDS GUA SERIES.
5. EXPLOSION PROOF JUNCTION BOX SUITABLE FOR INSTALLATION IN CLASS 1, DIVISION 1 & 2, GROUPS C&D CLASSIFIED HAZARDOUS ENVIRONMENTS. BASIS OF DESIGN: CROUSE-HINDS GUA/GUB SERIES/
6. PROVIDE CONDUIT SUPPORTS AT MAXIMUM 5'-0" ON CENTER.

A2 TYPICAL FLOW SWITCH DETAIL
SCALE: NONE
E-502



C4 TYPICAL EQUIPMENT ENCLOSURE GROUNDING DETAIL
SCALE: NONE
E-502



A4 TYPICAL EFSO PUSHBUTTON STATION DETAIL
SCALE: NONE
E-502

KATHY WONG GIANG
LICENSE NO. 53246
10-28-2016
STATE OF FLORIDA
PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: ITH
DRWN BY: DMA
SUBMITTED BY: KWG
FILE NAME: HM08E-502.DWG
SIZE: 34 X 22
CHKD BY: CMB
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912PE-16-R-0002
CONTRACT NO.: W912PE-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

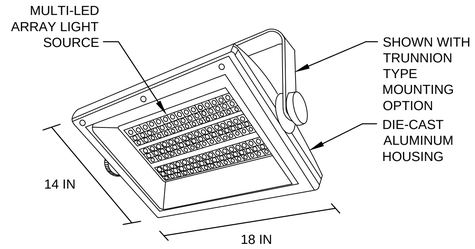
KNK ENGINEERING CONSULTING CORP.
7380 ISELIN AVENUE, SUITE 600
ORLANDO, FLORIDA 32819
(407) 716 - 7780 CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL DETAILS II

SHEET IDENTIFICATION NUMBER
E-502

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"



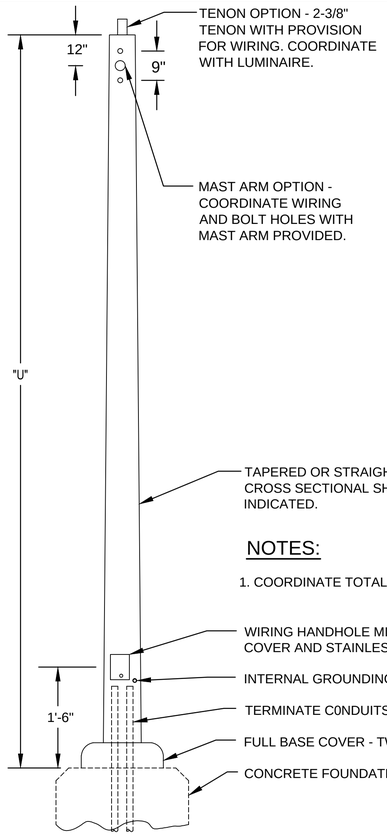
LUMINAIRE REQUIREMENTS:

1. HOUSING - DIE CAST ALUMINUM WITH INTEGRAL PASSIVE COOLING MECHANISM. HEAT SINK SHALL BE INCORPORATED DIRECTLY INTO HOUSING TO ENSURE MAXIMUM HEAT TRANSFER AND DISSIPATION.
2. FINISH - MULTI-STAGE PRE-TREATMENT, FINISHED WITH BAKED-ON POLYESTER POWDER COAT. FINISH SHALL PASS 2500 HOUR SALT SPRAY TEST PER ASTM B117. DARK BRONZE FINISH COLOR IS STANDARD.
3. POWER SUPPLY/LED DRIVER - CLASS 1 ELECTRONIC DRIVER SHALL OPERATE AT 120/277 VOLTS, 50/60 HZ, WITH OTHER VOLTAGES OPTIONAL. POWER FACTOR SHALL BE GREATER THAN 0.9 AND THD LESS THAN 20% AT FULL LOAD. MINIMUM EFFICACY SHALL BE 60 LM/W AT MAXIMUM 600mA OPERATING CURRENT.
4. LED OPTICAL ASSEMBLY - MULTI-LED ARRAY OPTIMIZED FOR SPECIFIC DISTRIBUTION PATTERN AS INDICATED. MINIMUM COLOR RENDERING INDEX (CRI) OF 70 FOR CORRELEATED COLOR TEMPERATURE OF 4000-4500 DEGREES K.
5. LENS - TEMPERED GLASS IN DIE-CAST ALUMINUM FRAME WITH SILICONE GASKET.
6. SURGE PROTECTION - 6 KV MINIMUM, COMPLIANT WITH ANSI C62.41.2.
7. CERTIFICATION - UL AND/OR ETL LISTED FOR WET LOCATIONS AND 2G VIBRATION STANDARD PER ANSI C136.32. OPTICAL ASSEMBLY SHALL BE MINIMUM IP65 PER ANSI/IEC 60529.
8. OPTIONS - PHOTOCELL, FINISH COLOR, OUTPUT DISTRIBUTION TYPE AND TRUNNION OR SLIPFITTER TYPE MOUNTING.
9. OTHER - THE ABOVE SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS AND IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER'S PREFERENCE. ALL DIMENSIONS ARE NOMINAL AND VARY PER MANUFACTURER.

LED FLOOD LUMINAIRE

REVISED: MARCH 2013 | LUMINAIRE PLATE: XL-21

A1 LED FLOOD LUMINAIRE
SCALE: NONE
ES102



POLE TYPE	DIM "U"
XL-26 A	12
XL-26 B	20
XL-26 C	25
XL-26 D	30
XL-26 E	35
XL-26 F	40
XL-26 G	45

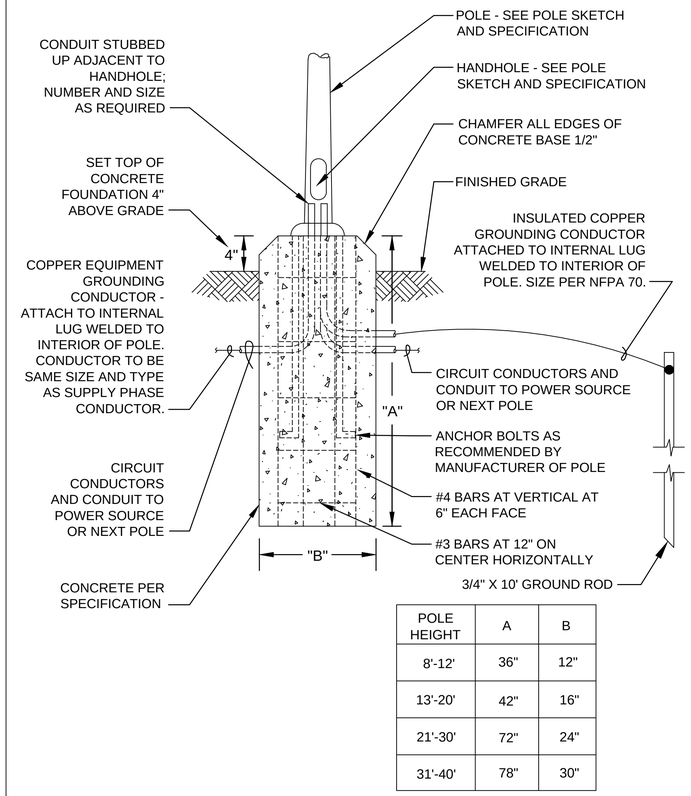
NOTES:

1. COORDINATE TOTAL EPA WITH SPECIFICATIONS.

ANCHOR BASE STEEL/ALUMINUM POLE

REVISED: MARCH 2013 | LUMINAIRE PLATE: XL-26B

A3 ANCHOR BASE ALUMINUM POLE
SCALE: NONE
ES102

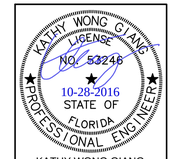


POLE HEIGHT	A	B
8'-12'	36"	12"
13'-20'	42"	16"
21'-30'	72"	24"
31'-40'	78"	30"

ANCHOR BASE POLE FOUNDATION

REVISED: MARCH 2013 | LUMINAIRE PLATE: XL-29

A4 ANCHOR BASE POLE FOUNDATION
SCALE: NONE
ES102



KATHY WONG GIANG
FLORIDA PE #53246

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: ITH
DWN BY: DAB
CKD BY: CAB
SUBMITTED BY: KWG
FILE NAME: HM09E-503.DWG
PLOT SCALE: AS SHOWN
SIZE: 34 X 22
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7580 WEST SAND LAKE ROAD, SUITE 500
ORLANDO, FLORIDA 32819
(407) 716 - 7760 CA # 28508

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL DETAILS III

SHEET IDENTIFICATION NUMBER
E-503

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

LIGHTING FIXTURE SCHEDULE

LIGHTING FIXTURE TYPE	FIXTURE DETAIL SKETCH NO., SEE NOTE 3	LAMP QTY	LAMP TYPE	MAX. WATT	VOLT	DESCRIPTION
B	XL-26B	1	LED	45	120	FLOOD LIGHTING TYPE LED LIGHTING FIXTURE, YOKE MOUNT, POLE BRACKET, 120V 7X6 FLOODLIGHT PATTERN OPTIC, 5000K COLOR TEMPERATURE, BOLT-ON WIRE GUARD, 70 MIN. CRI. BASIS OF DESIGN: CROUSE-HINDS, MODEL "CHAMP FMV SERIES".
						POLE: 20-0" ALUMINUM POLE, SQUARE STRAIGHT SHAFT, HANDHOLE AND COVER PLATE, PIGTAIL GROUNDING,, STAINLESS STEEL HARDWARE, NUT COVERS, STANDARD GRAY FINISH, AND ALL NECESSARY COMPONENTS FOR COMPLETE INSTALLATION. BASIS OF DESIGN: LITHONIA "SSA SERIES"

NOTES:

1. ALL LIGHTING FIXTURES SHALL BE NEW AND BEAR THE UL LABEL.
2. LIGHTING CALCULATIONS FOR THE AREA IS BASED ON CROUSE-HINDS LIGHTING.
3. SEE "LIGHTING FIXTURE DETAILS" ON SHEET E-503 FOR ADDITIONAL REQUIREMENTS.

SHUNT TRIP PANEL "F"

125A MLO WITH UPSTREAM SHUNT TRIP CIRCUIT BREAKER, 120/208V, 1Ø, 3W, MIN. 22K AIC RATING, NEMA 1 ENCLOSURE

CKT.	DESCRIPTION	BKR/P	VA A		VA B				BKR/P	DESCRIPTION	CKT.
1	EXTERIOR LIGHTING POLE	20/1	200	480					20/1	SCULLY FUEL PERMISSIVE SYSTEM	2
3	OFFLOADING PUMP MOTOR HEATER	20/1			1400	600			20/1	AIR ELIMINATOR SYSTEM	4
5	SPARE	20/1	--	--					20/1	SPARE	6
7	SPARE	20/1			--	--			20/1	SPARE	8
9	SPACE	-/1	--	--					-/1	SPACE	10
11	SPACE	-/1			--	--			-/1	SPACE	12
13	SPACE	-/1	--	--					-/1	SPACE	14
15	SPACE	-/1			--	--			-/1	SPACE	16
17	SPACE	-/1	--	--					-/1	SPACE	18
19	SPACE	-/1			--	--			-/1	SPACE	20
21	SPACE	-/1	--	--					-/1	SPACE	22
23	SPACE	-/1			--	--			-/1	SPACE	24
25	SPACE	-/1	--	--					--/1	SPACE	26
27	SPACE	-/1			--	--			20/1	SPD	28
29	SPACE	-/1	--	--							30
TOTAL:			200	480	1400	600					

PHASE A (VA): 680

PHASE B (VA): 2000

TOTAL CONNECTED LOAD: 2680 | DEMAND FACTOR : 100% | TOTAL DEMAND LOAD: 2680 VA

NOTES FOR ALL PANELBOARDS:

1. ALL SPARE BREAKERS SHALL BE IN THE "OFF" POSITION. PROVIDE TYPE WRITTEN ADHESIVE LABEL FOR ALL SPARE BREAKERS. MOUNT LABEL ADJACENT TO EACH SPARE BREAKER.
2. MULTI-POLE BREAKERS SHALL HAVE SINGLE HANDLE ON THE CENTER. 2 OR 3 SINGLE POLE BREAKERS TIED TOGETHER SHALL NOT BE USED.
3. THERE SHALL BE NO SPLICES INSIDE PANELBOARDS.
4. TYPE WRITTEN DIRECTORIES SHALL INDICATE PANEL NAME, VOLTAGE, CIRCUIT NUMBERS, DESCRIPTIVE LOAD DESCRIPTIONS AND LOCATIONS AS INDICATED IN THE PANELBOARD SCHEDULES. UPDATE PANEL DIRECTORIES BASED ON ACTUAL FIELD INSTALLATIONS IF REQUIRED.

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US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

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MARK	DESCRIPTION	DATE	APPR

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SUBMITTED BY: KWG
FILE NAME: HM09E-601.DWG
SIZE: 34 X 22
CKD BY: CMB
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

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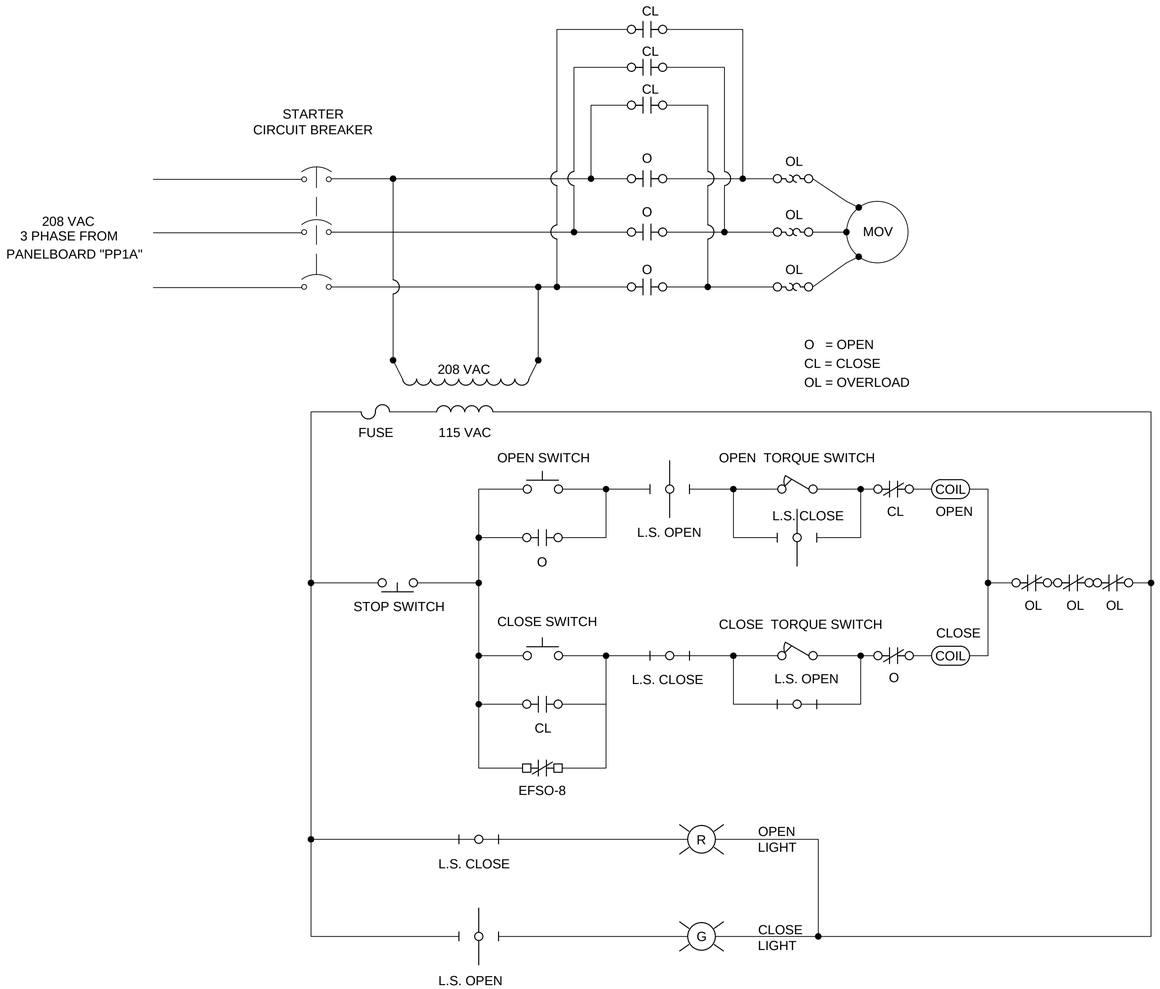
KNK ENGINEERING CONSULTING CORP.
7500 WEST SAND LAKE ROAD, SUITE 6500
ORLANDO, FLORIDA 32819
(407) 716 - 7780 CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

ELECTRICAL SCHEDULES

SHEET IDENTIFICATION NUMBER
E-601



B2 MOTOR OPERATED VALVE CONTROL PANEL SCHEMATIC
SCALE: NONE
E-602

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

KATHY WONG GIANG
LICENSE
NO. 53246
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

US ARMY CORPS
OF ENGINEERS
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MARK	DESCRIPTION	DATE	APPR

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DWN BY: DAS
CKD BY: GMB
SUBMITTED BY: KWG
FILE NAME: HM09E-602.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7506 NORTH HIAWASSEE ROAD, SUITE 200
ORLANDO, FLORIDA 32819
(407) 716-7780 CA # 28509

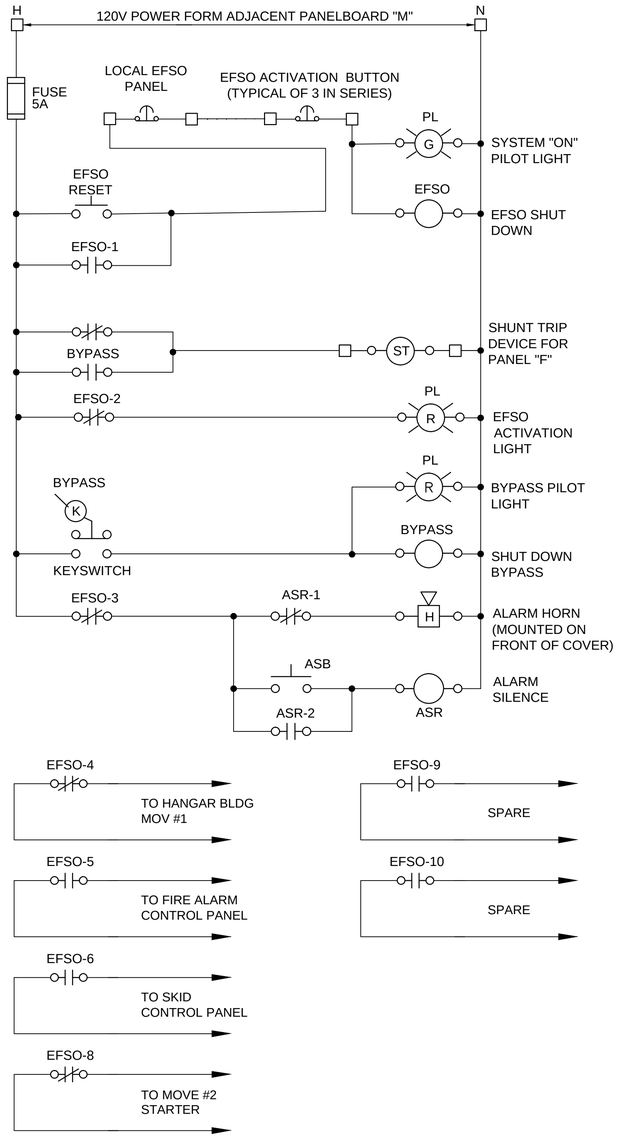
FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CONTROLS WIRING DIAGRAMS I

SHEET IDENTIFICATION NUMBER
E-602

SEQUENCE OF OPERATIONS

1. WHEN THE RESET BUTTON IS ACTIVATED (ASSUMING THAT ALL EFSO PUSHBUTTON STATIONS ARE IN THE DEACTIVATED STATE):
   - A. THE EFSO RELAY IS ENERGIZED.
   - B. THE "SYSTEM ON" GREEN PILOT LIGHT IS ENERGIZED.
   - C. THE N.O. EFSO HOLDING CONTACT (EFSO-1) WILL CLOSE AND INTERLOCK THE EFSO SYSTEM.
   - D. THE N.C. EFSO CONTACT (EFSO-2) WILL OPEN AND TURN-OFF THE "EFSO ACTIVATION LIGHT."
   - E. THE N.C EFSO CONTACT (EFSO-3) WILL OPEN AND TURN-OFF THE "ALARM HORN".
2. WHEN AN EMERGENCY OCCURS, AN EFSO PUSH BUTTON STATION IS ACTIVATED:
   - A. THE EFSO RELAY WILL BE DE-ENERGIZED.
   - B. THE N.O. EFSO CONTACT (EFSO-1) WILL OPEN.
   - C. THE N.C. EFSO CONTACT (EFSO-2) WILL CLOSE AND TURN-ON THE "EFSO ACTIVATION LIGHT."
   - D. THE N.C. EFSO CONTACT (EFSO-3) WILL CLOSE AND TURN-ON THE "ALARM HORN".
   - E. THE N.C. EFSO CONTACT (EFSO-4) WILL CLOSE AND SHUT THE HANGER BUILDING MOV #1.
   - F. THE N.O. EFSO CONTACT (EFSO-5) WILL CLOSE GENERATING EFSO ALARM CONDITION INPUT TO THE FIRE ALARM CONTROL PANEL (FACP).
   - G. THE N.O. EFSO CONTACT (EFSO-6) WILL OPEN AND STOP THE FUEL OFFLOAD PUMP. REFER TO SHEET E-604, "TYPICAL OFFLOAD PUMP WIRING DIAGRAM".
   - C. THE N.C. EFSO CONTACT (EFSO-7) WILL CLOSE AND ENERGIZE THE SHUNT TRIP RELAY AND SHUT DOWN THE POWER TO PANEL "F" AND THE OFFLOAD PUMP.
   - E. THE N.C. EFSO CONTACT (EFSO-8) WILL CLOSE AND SHUT MOV #2.
3. WHEN THE ALARM SILENCE BUTTON, ABS, IS ACTIVATED:
   - A. THE ASR RELAY IS ENERGIZED.
   - B. THE N.O. ASR HOLDING CONTACT (ASR-2) WILL CLOSE AND INTERLOCK THE ASR SYSTEM.
   - C. THE N.C. ASR CONTACT (ASR-1) WILL OPEN AND TURN-OFF THE "ALARM HORN".
4. WHEN THE BYPASS KEY SWITCH IS ACTIVATED:
   - A. THE BYPASS RELAY IS ENERGIZED.
   - B. THE BYPASS PILOT LIGHT IS ENERGIZED.
   - C. THE N.C. BYPASS CONTACT WILL OPEN AND DE-ENERGIZE THE SHUNT TRIP RELAY AND PREVENT RE-ACTIVATION OF THE SHUNT TRIP RELAY. THE USER WILL HAVE TO MANUALLY RESET THE SHUNT TRIPPED CIRCUIT BREAKER FOR PANEL "F" TO RESTORE PUMP POWER.
   - D. THE N.O. BYPASS CONTACT WILL CLOSE AND PROVIDE POWER TO RE-ENERGIZE THE SHUNT TRIP RELAY AND PREVENT FURTHER DE-ACTIVATION OF THE SHUNT TRIP RELAY. THE USER WILL HAVE TO MANUALLY RESET THE SHUNT TRIPPED CIRCUIT BREAKER FOR PANEL "F" AND THE SHUNT TRIPPED CIRCUIT BREAKER FOR THE OFFLOAD PUMP.

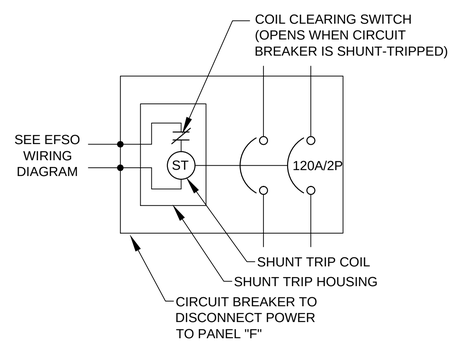


1 EFSO WIRING DIAGRAM
SCALE: NONE
E-603

LEGEND

R	LED PILOT LIGHT
K	KEY OPERATED SWITCH. PROVIDE METAL LEGEND PLATE WITH BLACK FIELD AND WHITE LETTERS WITH SPECIAL MARKING 'KEY OVERRIDE' MAINTAINED CONTACT - TWO POSITION - KEY REMOVAL ONLY IN OPEN POSITION
ASR	ALARM SILENCE RELAY, INDUSTRIAL 4 POLE CONTROL RELAY, NEMA A600 TYPE, 10 AMP CONTACTS, 120V COIL AND ALL CONTACTS CONVERTIBLE.
ASB	ALARM SILENCE PUSH BUTTON, NORMALLY OPEN, MOMENTARY CONTACT WITH LEGEND PLATE.
EFSO	EFSO RELAY, INDUSTRIAL 12 POLE CONTROL RELAY, NEMA A600 TYPE, 10 AMP CONTACTS, 120V COIL AND ALL CONTACTS CONVERTIBLE.
RESET	RESET PUSHBUTTON, NORMALLY OPEN MOMENTARY CONTACT WITH LEGEND PLATE
BYPASS	EFSO BYPASS RELAY, INDUSTRIAL 4 POLE CONTROL RELAY, NEMA A600 TYPE, 10 AMP CONTACTS, 120V COIL AND ALL CONTACTS CONVERTIBLE.
N.O.	NORMALLY OPEN
N.C.	NORMALLY CLOSED
-(#)	RELAY CONTACT NUMBER
PL	PILOT LIGHT - PUSH-TO-TEST TRANSFORMER TYPE.
□	FIELD WIRING
	PROVIDE VIBRATONE HORN. BASIS OF DESIGN; AS MANUFACTURED BY FEDERAL SIGNAL MODEL 350 OR APPROVED EQUAL.
H	HORN

2 EFSO PANEL FRONT VIEW
SCALE: NONE
E-603



3 SHUNT TRIP WIRING DIAGRAM
SCALE: NONE
E-603

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

KATHY WONG GIANG LICENSE NO. 53246 10-28-2016 STATE OF FLORIDA PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0036
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016
DESIGNED BY: ITH
DWN BY: CMB
CKD BY: CMB
SUBMITTED BY: KWG
FILE NAME: HM08E-603.DWG
SIZE: 34 X 22
PLOT SCALE: AS SHOWN

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 MATEO CANE ROAD, SUITE 605
ORLANDO, FLORIDA 32819
(407) 716-7780; CA # 28566

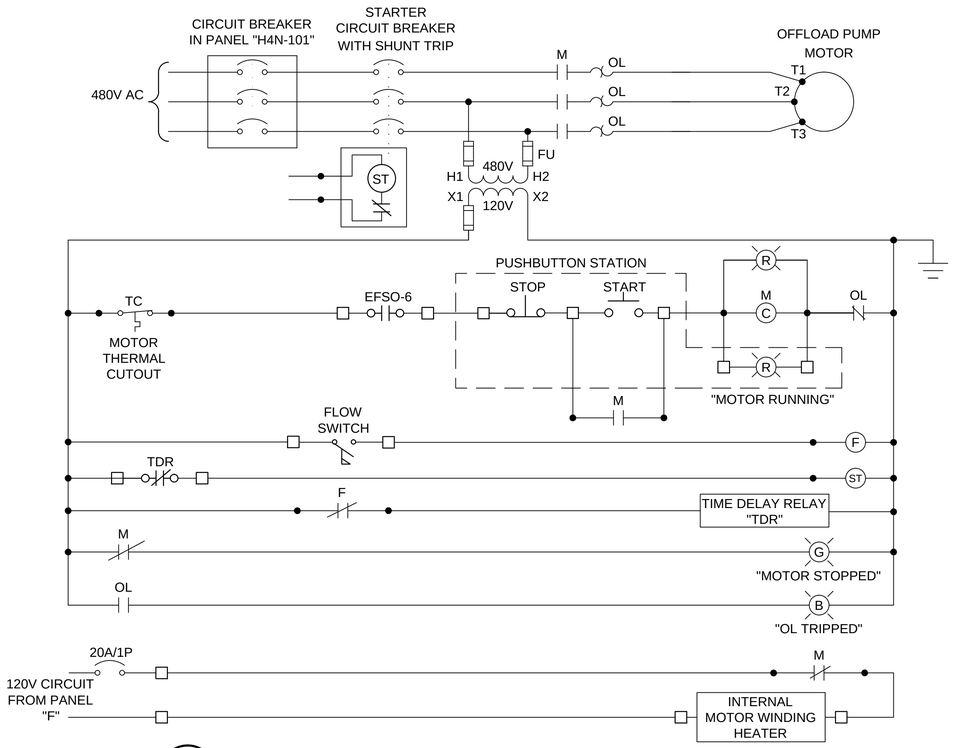
FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CONTROLS WIRING DIAGRAMS II

SHEET IDENTIFICATION NUMBER
E-603

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

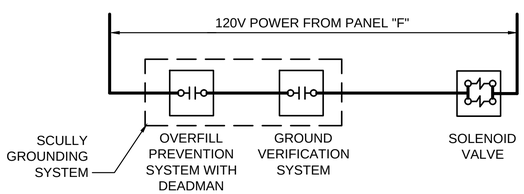
FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"



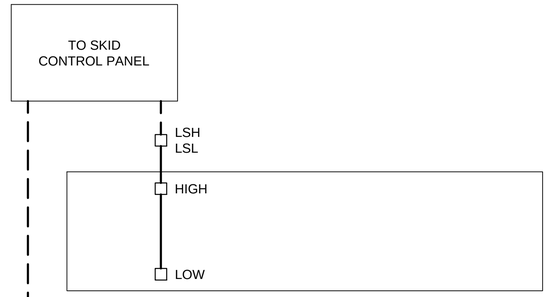
1 TYPICAL OFFLOAD PUMP WIRING DIAGRAM
SCALE: NONE
E-604

GENERAL NOTES (TYPICAL OFFLOAD PUMP WIRING DIAGRAM :

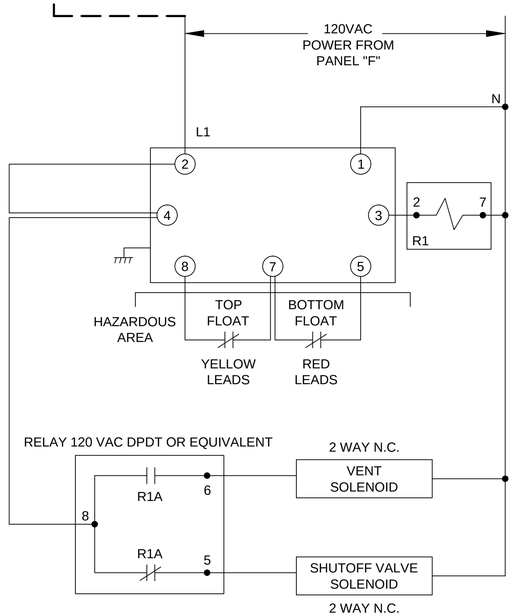
1. FLOW SWITCH SHOWN IS IN NO-FLOW STATE. THE FLOW SWITCH MUST SHUT THE PUMP OFF IN A NO-FLOW CONDITION.
2. TIME DELAY IS PROVIDED TO ALLOW FLOW TO BE ESTABLISHED AT STARTUP.
3. FLOW SWITCH TO SHUT-OFF THE RESPECTIVE PUMP AFTER A 45 SECOND DELAY TIME WITH NO FLOW SENSED.
4. THE MOTOR TEMPERATURE CUTOUT IS PROVIDED TO SHUT THE MOTOR DOWN UPON HIGH MOTOR TEMPERATURE.
5. THE INTERNAL MOTOR WINDING HEATER IS PROVIDED TO PREVENT CONDENSATION WHEN THE MOTOR IS NOT RUNNING.



2 FUELING PERMISSIVE WIRING DIAGRAM
SCALE: NONE
E-604



3 ISSUE TANK
SCALE: NONE
E-604



NOTES :

1. SWITCHES MUST BE CLOSED.
2. IN DOWN (DRY) POSITION.
3. USE 18 GAUGE MINIMUM WIRE SIZE. SCHEMATIC SHOWN NOT ENERGIZED.

4 AIR ELIMINATOR CONTROL DIAGRAM
SCALE: NONE
E-604

KATHY WONG GIANG
LICENSE
NO. 53246
10-28-2016
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
KATHY WONG GIANG
FLORIDA PE #53246

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: ITH
DRWN BY: DEB
SUBMITTED BY: KWG
FILE NAME: HM09E-604.DWG
SIZE: 34 X 22
CKD BY: GB
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0045
CONTRACT NO.: W912BF-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP
7500 MEDICAL CENTER LAKE ROAD, SUITE 630
ORLANDO, FLORIDA 32819
(407) 716 - 7780, CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

CONTROLS WIRING DIAGRAMS III

SHEET IDENTIFICATION NUMBER
E-604

FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\7 Electrical\Drawings\Sheet Files\A3 E-604.dwg LAYOUT NAME: Controls Wiring Diagrams III PLOTTED: Friday, October 28, 2016 - 3:08pm USER: iho

NOTE:

1. THIS SHEET IS FOR REFERENCE ONLY.

FOR REVIEW ONLY
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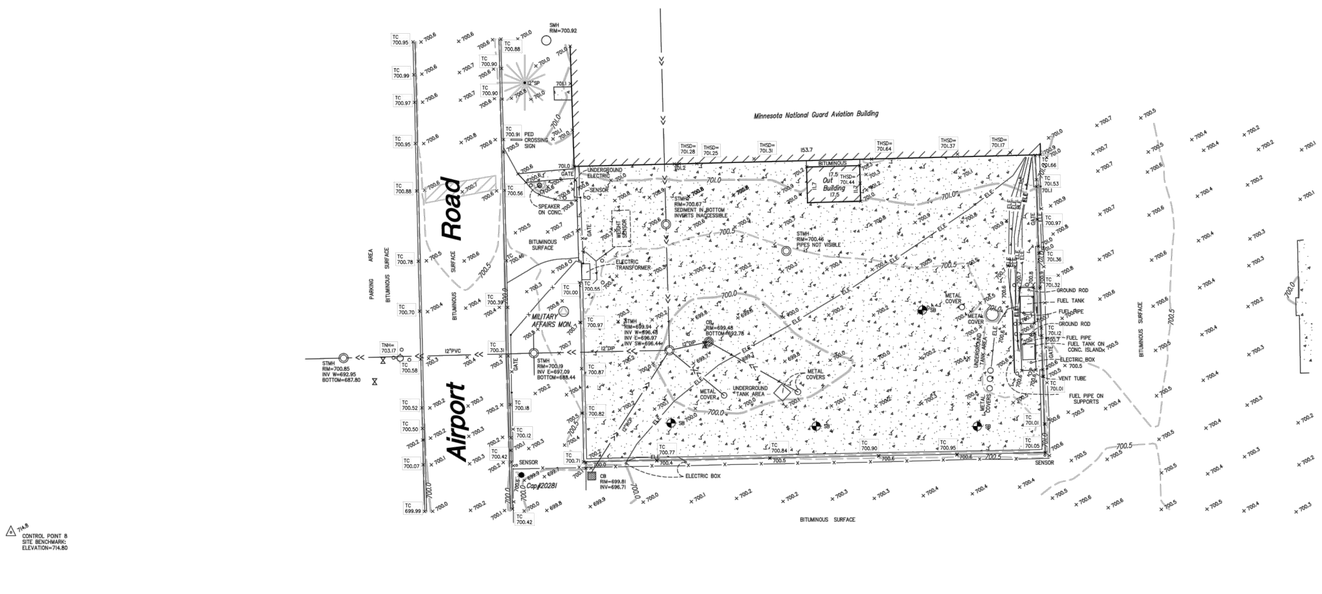


DESCRIPTION OF PROPERTY SURVEYED
(Per Ramsey County Tax Information)

A portion of Lot 12, Section 5, Township 28, Range 22, Ramsey County, Minnesota.

SURVEY REPORT

1. The purpose of this survey is to show partial topography and existing improvements for the requested area of the property. No boundary work was performed for this survey.
2. The address is 206 Airport Road W., St. Paul, Minnesota.
3. Benchmark: Holman MnDOT Monument GSID Station No. 25068. Located west of the north end of Airport Road. Elevation = 711.22 ft. (NAVD 88)
   Site Benchmarks:
   Control Point 7: Elevation = 699.61 ft. (NAVD 88)
   Control Point 8: Elevation = 714.80 ft. (NAVD 88)
4. We have shown underground utilities on and/or serving the surveyed property per field location.

N

0 20 40
SCALE IN FEET

SURVEY LEGEND

SP	SPRUCE	CATCH BASIN	STORM SEWER
TC	TOP OF CURB	STORM MANHOLE	SANITARY SEWER
THSD	ELEV @ THRESHOLD	SANITARY MANHOLE	WATERMAIN
		GATE VALVE	UNDERGROUND ELECTRIC
		SIGN	CHAIN LINK FENCE WITH BARBED WIRE
		SPOT ELEVATION	CONCRETE CURB
		HAND HOLE	CONCRETE
		GUARDPOST	CONTOUR
		SOIL BORING	CONIFEROUS TREE

HOLMAN FIELD
ST. PAUL, MINNESOTA

KNK ENGINEERING CONSULTING GROUP
7380 W. SAND LAKE ROAD
SUITE 500
ORLANDO, FLORIDA 34677

LOUCKS
PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL
7200 Hemlock Lane, Suite 300
Maple Grove, MN 55369
763.424.5505
www.loucksinc.com

CADD QUALIFICATION

CADD files prepared by the Consultant for this project are instruments of the Consultant professional services for use solely with respect to this project. These CADD files shall not be used on other projects, for additions to this project, or for completion of this project by others without written approval by the Consultant. With the Consultant's approval, others may be permitted to obtain copies of the CADD drawing files for information and reference only. All intentional or unintentional revisions, additions, or deletions to these CADD files shall be made at the full risk of that party making such revisions, additions or deletions and that party shall hold harmless and indemnify the Consultant from any & all responsibilities, claims, and liabilities.

SUBMITTAL/REVISIONS

06/24/16 ..... SURVEY ISSUED

PROFESSIONAL SIGNATURE

I hereby certify that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota.

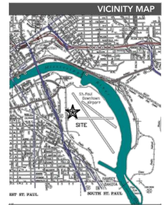
Max L. Stanislowski - PLS

License No. 48988
Date 06/24/16

QUALITY CONTROL

Loucks Project No.	16142
Project Lead	MLS
Drawn By	BJY
Checked By	MLS
Field Crew	BH-DP

VICINITY MAP



PARTIAL TOPOGRAPHIC SURVEY
1 OF 1

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR	MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: ITH
DRWN BY: DM-A
SUBMITTED BY: KWG
FILE NAME: HM08R-801.DWG
SIZE: 34 X 22
CKD BY: MLS
PLOT SCALE: AS SHOWN
DATE: OCTOBER 2016
SOLICITATION NO.: W9128F-16-R-0003
CONTRACT NO.: W9128F-16-C-0039
FILE NUMBER: F125-90-01
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 WEST SAND LAKE ROAD, SUITE 500
ORLANDO, FLORIDA 32819
(407) 715 - 7780 CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

REFERENCE SHEET I

SHEET IDENTIFICATION NUMBER
R-801

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

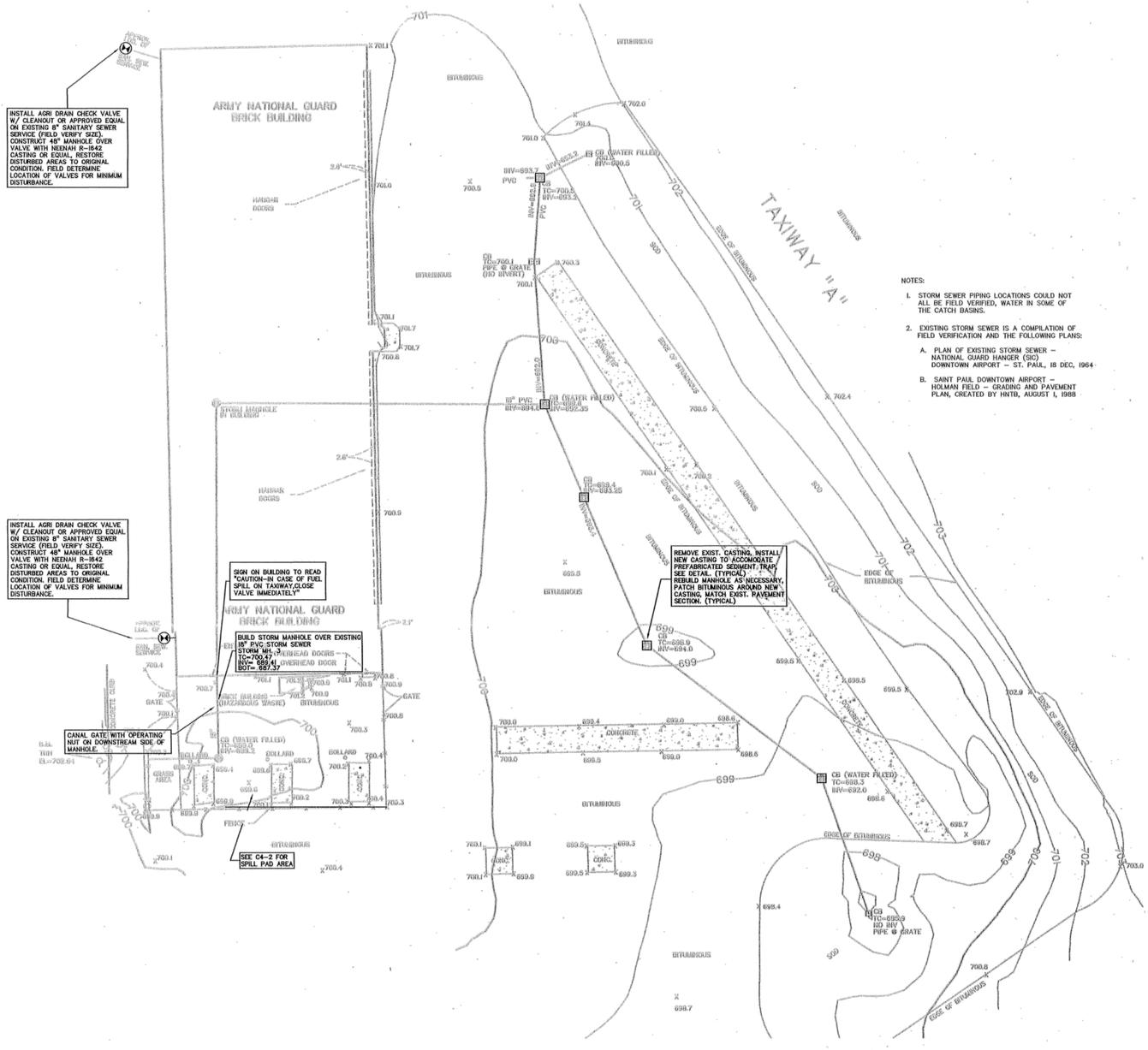
FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\8 References\Sheet Files\44 R-801.dwg LAYOUT NAME: Reference Sheet I PLOTTED: Friday, October 28, 2016 - 11:24am USER: iho

NOTE:

1. THIS SHEET IS FOR REFERENCE ONLY.

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

ATTACHMENT I - RECORD DRAWINGS



NOTES:

1. STORM SEWER PIPING LOCATIONS COULD NOT ALL BE FIELD VERIFIED, WATER IN SOME OF THE CATCH BASINS.
2. EXISTING STORM SEWER IS A COMPILATION OF FIELD VERIFICATION AND THE FOLLOWING PLANS:
   A. PLAN OF EXISTING STORM SEWER — NATIONAL GUARD HANGER (SRC) DOWNTOWN AIRPORT — ST. PAUL, 18 DEC, 1964
   B. SAINT PAUL DOWNTOWN AIRPORT — HOLMAN FIELD — GRADING AND PAVEMENT PLAN, CREATED BY HNTB, AUGUST 1, 1988

NORTH

0 40 80
SCALE IN FEET

LEGEND	PROPOSED	EXISTING
CONTOURS	702	702
WATER SERVICE		
SANITARY SERVICE		
MANHOLE		
CATCH BASIN		
HYDRANT		
RESISTANT WEDGE GATEVALVE		
SANITARY SEWER	XX"SAN	XX"SAN
STORM SEWER	XX"STM	XX"STM
WATERMAIN	XX"WTR	XX"WTR
SPOT ELEVATION	654	654
DIRECTION OF FLOW	10%	10%
SILT FENCE	SFE SFE SFE	SFE SFE SFE
CURB & GUTTER		
SOIL BORINGS		
RETAINING WALL		
DECIDUOUS TREES		
CONIFEROUS TREES		
TREELINE		
BOUNDARY LINE		
PROPERTY LINE		
EASEMENT LINE		
SETBACK LINE		
FENCING	WIRE TYPE	WIRE TYPE
BENCHMARK LOCATION	BM #3	BM #3
FORCEMAIN	XX"FM	XX"FM
DRAINTILE		

STORMWATER MANAGEMENT AT THE ORGANIZATIONAL MAINTENANCE SHOP (OMS) #B NEW BRIGHTON, MN

STATE OF
MINNESOTA

OWNER
STATE OF MINNESOTA
DEPARTMENT OF MILITARY AFFAIRS
MINNESOTA ARMY NATIONAL GUARD
FACILITIES MANAGEMENT OFFICE
P.O. BOX 348, CAMP RIPLEY
LITTLE FALLS, MINNESOTA 56345-0348

KEY PLAN

SHEET INDEX

SHEET	TITLE
C1-1	EXISTING CONDITIONS PLAN
C3-1	GRADING AND PAVING SPILL PAD AREA
C4-2	UTILITY PLAN SPILL PAD AREA
C8-1	DETAILS SHEET

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

Reg. No. 44440 Date 4-11-01

DATE	REVISION
5-18-98	BID DOCUMENTS
4-11-01	RECORD DRAWINGS

QUALITY MANAGEMENT REVIEW:
BY: _____ DATE: _____

LOUCKS ASSOCIATES
Planning • Civil Engineering • Land Surveying
Landscape Architecture • Environmental • Archeology
7200 Hemlock Lane, Suite 300, Minneapolis, Minnesota 55369-5581
Telephone: (763)424-5505 Fax: (763)424-5822
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UTILITY PLAN
ENTIRE SITE

PROJECT NO. 97-165A
C4-1

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: TTF
DRAWN BY: DMC
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-R-0039
CONTRACT NO.: W912BF-16-C-0039
FILE NAME: HMGR-802.DWG
FILE NUMBER: F125-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016
CHD BY: DMC

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7536 SUNBURST LAKE DRIVE, SUITE 600
ORLANDO, FLORIDA 32819
(407) 716-7760, CA # 28508

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

REFERENCE SHEET II

SHEET IDENTIFICATION NUMBER
R-802

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

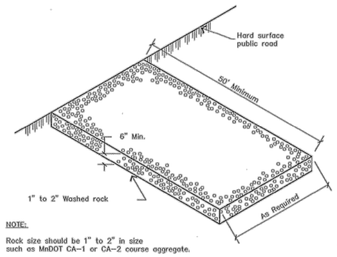
FILE NAME: S:\Engineering\Active Projects\2016 Projects\USACE Omaha\St. Paul Holman\8 References\Sheet Files\45 R-802.dwg LAYOUT NAME: Reference Sheet II PLOTTED: Friday, October 28, 2016 - 11:24am USER: iho

NOTE:

1. THIS SHEET IS FOR REFERENCE ONLY.

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

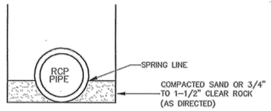
ATTACHMENT I - RECORD DRAWINGS



NOTE:
Rock size should be 1" to 2" in size such as MnDOT CA-1 or CA-2 course aggregate.

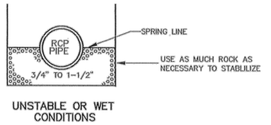
A geotextile fabric may be used under the rock to prevent migration of the underlying soil into the stone.

ROCK ENTRANCE TO CONSTRUCTION SITE
PLYCSITE



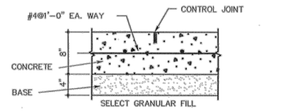
STABLE OR DRY CONDITIONS

SAND SHALL CONFORM WITH MN/DOT SPEC. 3149

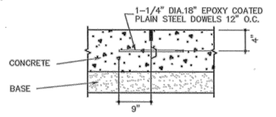


UNSTABLE OR WET CONDITIONS

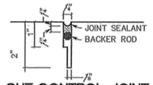
STORM SEWER BEDDING



TYPICAL PAVEMENT SECTION DETAIL



KEYED JOINT DETAIL



SAW-CUT CONTROL JOINT DETAIL

FORMED GROOVE CONSTRUCTION JOINT DETAIL

1. Concrete shall have a minimum compressive strength of 4000 PSI at 28 days and also meet the following criteria:

Cement	Type I, Normal Portland
Air Content	4% to 6% by volume
Water/Cement Ratio	0.50 max.
Maximum Aggregate Size	1-1/2 inch
Cement Content	520 lbs./Cu. Yd. min.

2. Concrete mix designs shall be proportioned in accordance with ACI 301. Mix designs shall be prepared by an independent testing agency acceptable to the engineer.

   Compressive strength of the concrete shall be verified by concrete cylinder tests taken from trial batches. The contractor shall provide descriptive data for all materials and admixtures used in the proposed concrete mixes.

   All test data and information shall be submitted to the engineer for approval prior to delivering any concrete to the project.

3. Reinforcing bars shall be ASTM A615 GR. 60. Reinforcement Fabric shall be placed at mid-depth of the slab and extend to within six inches of slab edges or construction joints. Reinforcement shall be continuous through control joints.

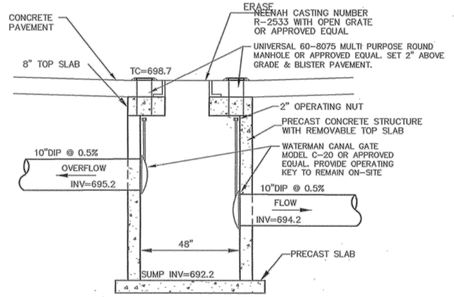
4. Control joints shall be spaced at 15'-0" maximum in each direction. Saw cuts shall be made no more than 24 hours after the pour.

5. Construction joints shall be located no more than 15 feet from parallel control joints. Mandatory construction joints are shown on plan. Otherwise, construction joints shall be provided at the edge of pours or where placement of concrete will be temporarily suspended for 1-1/2 hours or more.

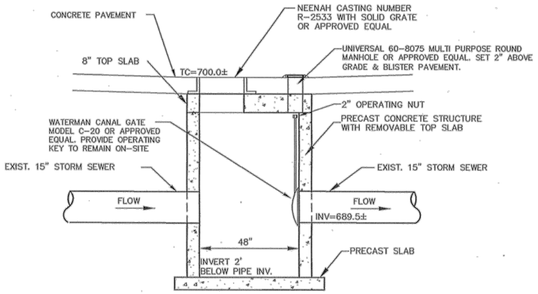
6. Joint sealant shall be polyurethane based, multi-component, self-curing, self-leveling type. Acceptable manufactures are Mameco, Sika, Sonneborn or Tremco.

7. "Borrow material shall not consist of recycled material. Source must be approved by the Engineer. Granular borrow and topsoil borrow shall conform with the following Minnesota DOT Specifications."

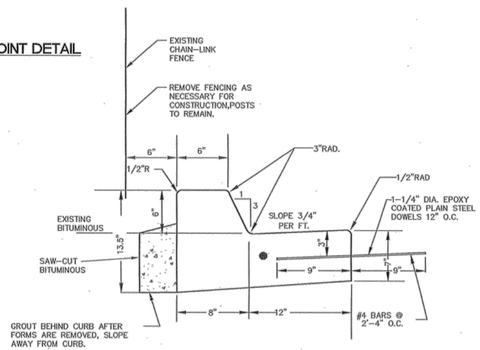
Item	Specification No.
Granular	3149
Topsoil	3877



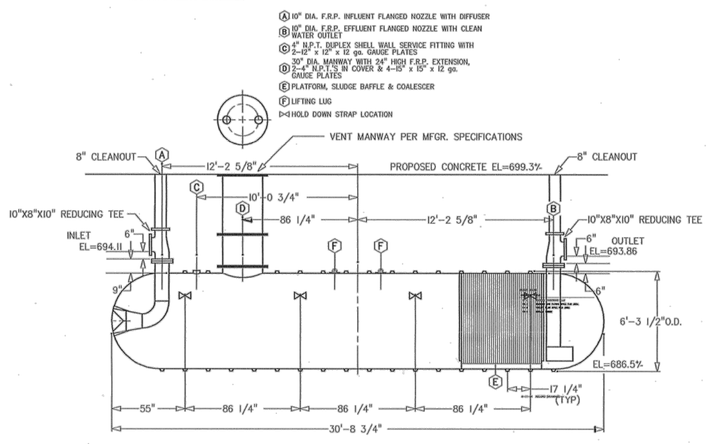
CATCH BASIN 1 DETAIL
SPILL PAD AREA



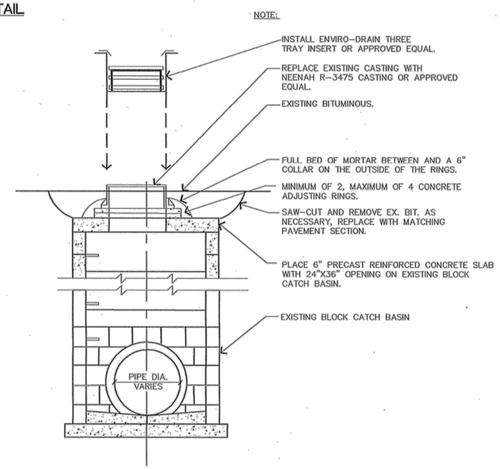
STORM MANHOLE 3 DETAIL



B612 CONC. CURB AND GUTTER DETAIL



OWS SW 6' 6,000 GAL.
OIL/WATER SEPARATOR DETAIL



CATCH BASIN/INSERT DETAIL

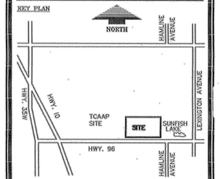
REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS

STORMWATER MANAGEMENT AT THE ORGANIZATIONAL MAINTENANCE SHOP (OMS) #8
NEW BRIGHTON, MN

STATE OF
MINNESOTA

OWNER
STATE OF MINNESOTA
DEPARTMENT OF MILITARY AFFAIRS
MINNESOTA ARMY NATIONAL GUARD
FACILITIES MANAGEMENT OFFICE
P.O. BOX 348, CAMP RIPLEY
LITTLE FALLS, MINNESOTA 56345-0348

KEY PLAN



SHEET INDEX

SHEET	TITLE
C1-1	EXISTING CONDITIONS PLAN
C3-1	GRADING AND PAVING SPILL PAD AREA
C4-2	UTILITY PLAN SPILL PAD AREA
C5-1	DETAIL SHEET

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

Reg. No. 22644 Date 4-11-01

DATE	REVISION
5-18-98	BID DOCUMENTS
4-11-01	RECORD DRAWINGS

QUALITY MANAGEMENT REVIEW:
BY: DATE:

LOUCKS ASSOCIATES
Planning • Civil Engineering • Land Surveying
Landscape Architecture • Environmental • Archaeology
7200 Hemlock Lane, Suite 300, Minneapolis, Minnesota 55369-5582
Telephone: (763)424-5505 Fax: (763)424-5822
Web Page: loucksassoc.com
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DETAIL SHEET

PROJECT NO. 97-165A

C8-1

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: ITH
DRWN BY: DAVID
CKD BY: MARK
SUBMITTED BY: KWG
DATE: OCTOBER 2016
SOLICITATION NO.: W912BF-16-B-0001
CONTRACT NO.: W912BF-16-C-0039
FILE NAME: HM09R-803.DWG
FILE NUMBER: F125-90-01
SIZE: 34 X 22
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7550 W. IRLO BRONSON MEMORIAL HWY. STE 830
ORLANDO, FLORIDA 32819
(407) 716-7750 CA # 28506

FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

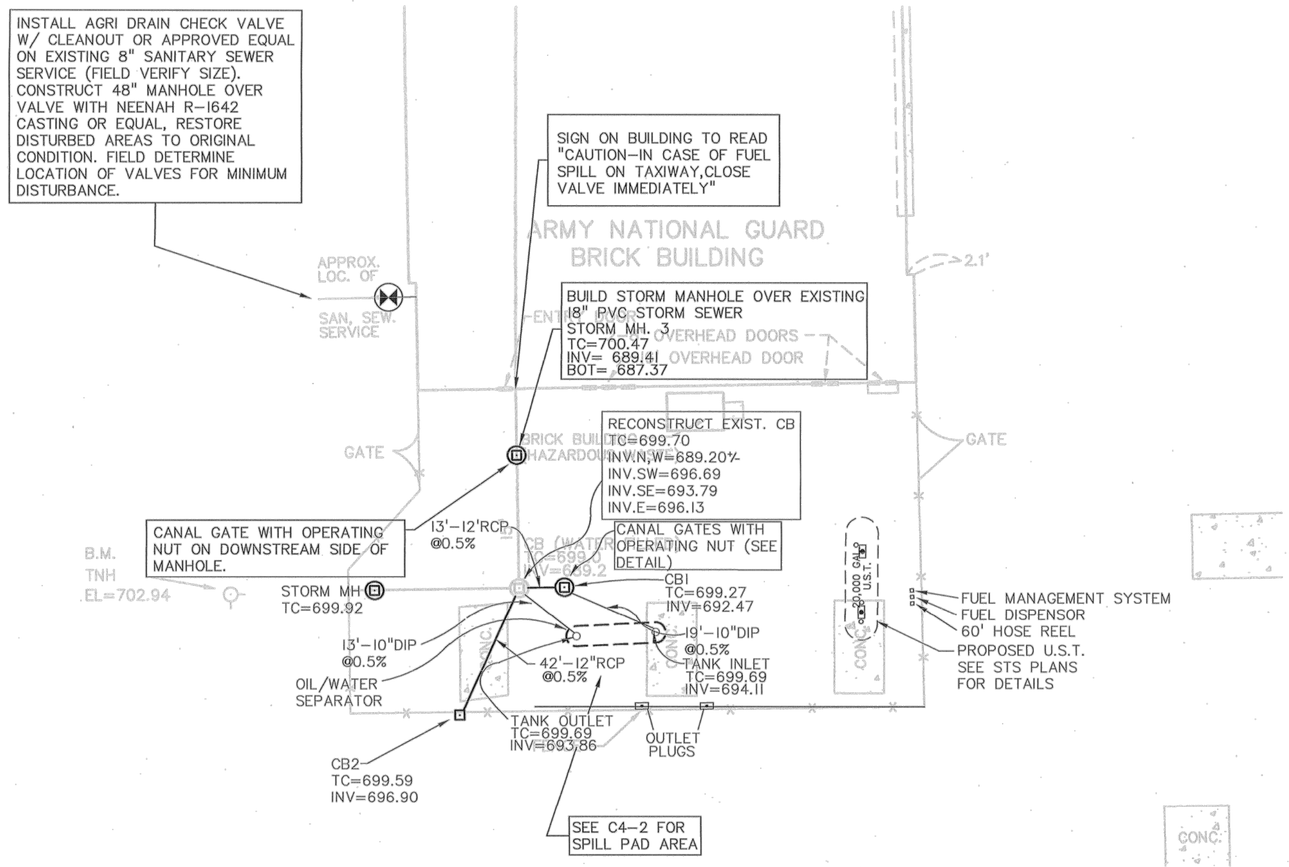
REFERENCE SHEET III

SHEET IDENTIFICATION NUMBER
R-803

NOTE:
1. THIS SHEET IS FOR REFERENCE ONLY.

FOR REVIEW ONLY
CORRECTED 100% DESIGN
"NOT FOR CONSTRUCTION"

ATTACHMENT I - RECORD DRAWINGS



NORTH

SCALE IN FEET 0 20 40

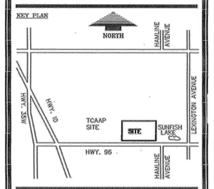
LEGEND	PROPOSED	EXISTING
CONTOURS	624	624
WATER SERVICE		
SANITARY SERVICE		
MANHOLE		
CATCH BASIN		
HYDRANT		
RESILIENT WEDGE GATEVALVE		
SANITARY SEWER	XX"SAN	XX"SAN
STORM SEWER	XX"STM	XX"STM
WATERMAIN	XX"WTR	XX"WTR
SPOT ELEVATION	654.6	645.2
DIRECTION OF FLOW	1.0%	1.0%
SILT FENCE		
CURB & GUTTER		
SOIL BORINGS	B-	B-
RETAINING WALL		
DECIDUOUS TREES		
CONIFEROUS TREES		
TREELINE		
BOUNDARY LINE		
PROPERTY LINE		
EASEMENT LINE		
SETBACK LINE		
FENCING	CHAIN TYPE	CHAIN TYPE
BENCHMARK LOCATION	BM #8	BM #8
FORCEMAIN	XX"FM	XX"FM
DRAINTILE		

STORMWATER MANAGEMENT AT THE ORGANIZATIONAL MAINTENANCE SHOP (OMS) #8 NEW BRIGHTON, MN

STATE OF MINNESOTA

OWNER
STATE OF MINNESOTA
DEPARTMENT OF MILITARY AFFAIRS
MINNESOTA ARMY NATIONAL GUARD
FACILITIES MANAGEMENT OFFICE
P.O. BOX 348, CAMP RIPLEY
LITTLE FALLS, MINNESOTA 56345-0348

KEY PLAN



SHEET INDEX

SHEET	TITLE
C2-1	EXISTING CONDITIONS PLAN
C3-1	GRADING AND PAVING SPILL PAD AREA
C4-2	UTILITY PLAN SPILL PAD AREA
C5-1	DETAILS SHEET

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.
Reg. No. 21444 Date 4-11-01

DATE	REVISION
5-11-98	BID DOCUMENTS
4-11-01	RECORD DRAWINGS

QUALITY MANAGEMENT REVIEW:
BY: DATE:

LOUCKS ASSOCIATES
Planning • Civil Engineering • Land Surveying
Landscape Architecture • Environmental • Archaeology
7200 Hemlock Lane, Suite 300, Minneapolis, Minnesota 55369-5582
Telephone: (763)424-5505 Fax: (763)424-5823
© 2000 Web Page: loucksmplsgm.com

UTILITY PLAN
SPILL PAD AREA

PROJECT NO. 97-465A
C4-2

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR
MARK			

DESIGNED BY: ITH
DRAWN BY: GWA
SUBMITTED BY: KWG
FILE NAME: HM09R-804.DWG
SIZE: 34 X 22
DATE: OCTOBER 2016
SOLICITATION NO.: W912BP-16-R-0009
CONTRACT NO.: W912BP-16-C-0039
FILE NUMBER: F125-90-01
PLOT SCALE: AS SHOWN
PLOT DATE: 10/28/2016

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

KNK ENGINEERING CONSULTING CORP.
7380 MEDICAL BLVD., SUITE 600
ORLANDO, FLORIDA 32819
(407) 716-7780; CA # 28508

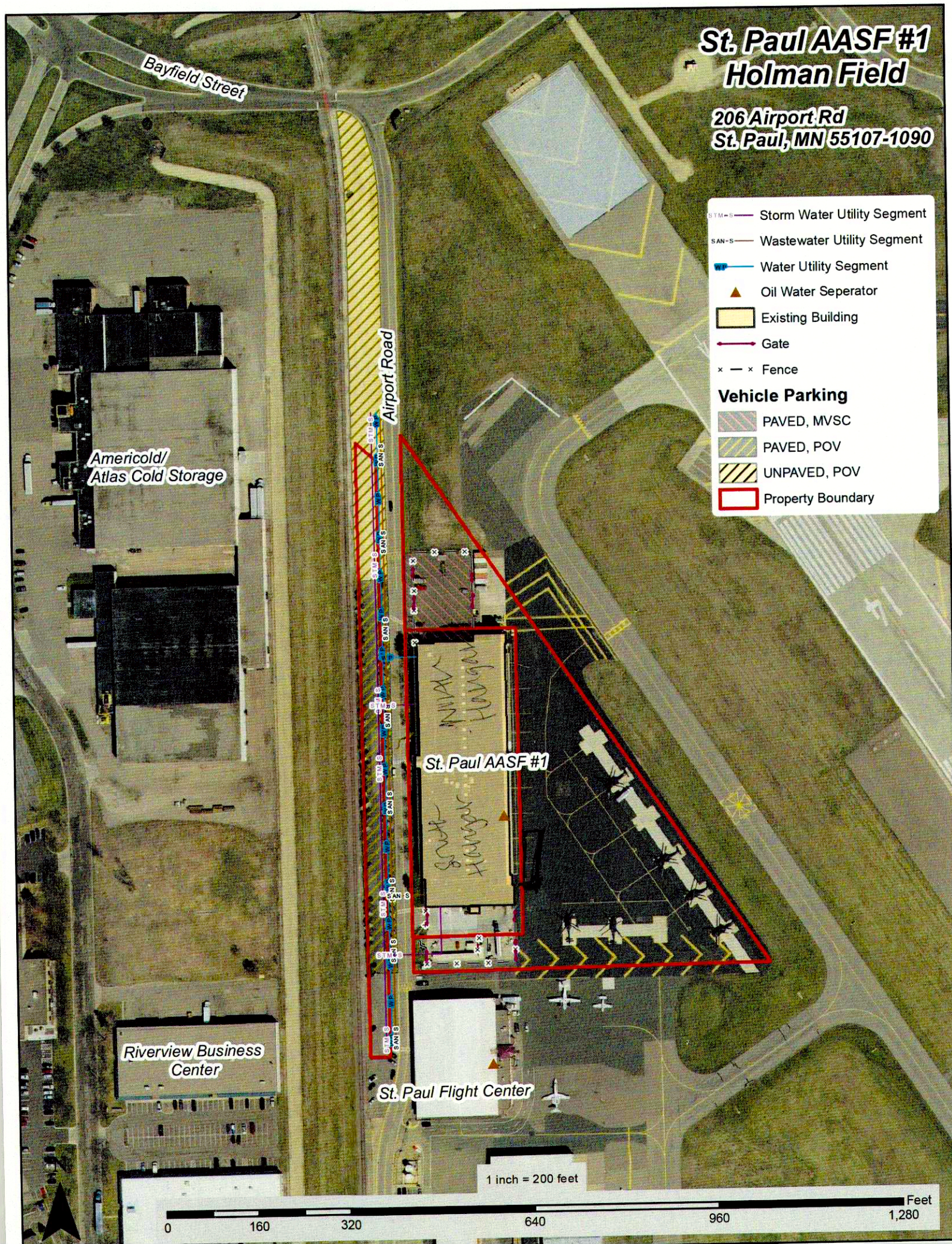
FUELING SYSTEM REPAIRS
AASF ST. PAUL HOLMAN FIELD, MN

REFERENCE SHEET IV

SHEET IDENTIFICATION NUMBER
R-804

REDUCED DRAWING - VERIFY SCALE REPRESENTATIONS


Mississippi River
BM Hangars
Training Area
St Paul
Downtown
Airport
Signature Flight
Support STP -
3D
Lafayette Fwy
Google
Google Camera 1,994 m 44°56'50"N 93°04'09"W 212 m 100%


St. Paul AASF #1
Holman Field
206 Airport Rd
St. Paul, MN 55107-1090
Bayfield Street
Airport Road
Americold/
Atlas Cold Storage
St. Paul AASF #1
Riverview Business
Center
St. Paul Flight Center
Storm Water Utility Segment
Wastewater Utility Segment
Water Utility Segment
Oil Water Seperator
Existing Building
Gate
Fence
Vehicle Parking
PAVED, MVSC
PAVED, POV
UNPAVED, POV
Property Boundary
1 inch = 200 feet
0
160
320
640
960
1,280
Feet

Fax To: AECOM
Contact: Brittany Kirchmann
Fax : 000-000-0000
Date: 10/16/2018

Fax From: Sean McLaughlin
EDR
Phone: 1-800-352-0050

EDR PUR-IQ® Report

"the intelligent way to conduct historical research"

for
Holman Field
206 Airport Road
Saint Paul, MN 55107
Lat./Long. 44.939868 / 93.069707
EDR Inquiry # 5454377.2s

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports® comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

Potential for EDR Historical (Prior Use) Coverage - Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

1. Building Permits: Building Permits are available for 'SAINT PAUL', MN (1991 - 2017).

2. City Directory: Coverage may exist for portions of Ramsey County, MN.

3. Fire Insurance Map: When you order online any EDR Package or the EDR Radius Map with EDR Sanborn Map Search/Print, you receive site specific Sanborn Map coverage information at no charge.

4. Aerial Photograph: Coverage exists for portions of Ramsey County for the following decades: 1940s, 1950s, 1980s, 1990s, 1930s, 1960s, 1970s Shipping time 3-5 business days.

5. Topographic Map: The USGS 7.5 min. quad topo sheet(s) associated with this site:

Historical: Coverage exists for RAMSEY County

Current: Target Property: TP | 2013 | 5964255 Saint Paul East, MN

6. Flood Prone Maps : Coverage is available for Ramsey County

7. NWI Wetland Maps: Coverage exists for Ramsey County

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs, wetland map resources and historical topographic map resources available for Saint Paul, MN. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.

EDR - HISTORICAL SOURCE(S) ORDER FORM

AECOM
Brittany Kirchmann
Account # 1861179

Holman Field
206 Airport Road
Saint Paul, MN 55107
RAMSEY County
Lat./Long. 44.939868 / 93.069707
EDR Inquiry # 5454377.2s

Should you wish to change or add to your order, fax this form to your EDR account executive:

Sean McLaughlin
Ph: 1-800-352-0050 Fax: 1-800-231-6802

Reports

___ EDR Sanborn Map® Search/Print

___ EDR Fire Insurance Map Abstract

___ EDR Multi-Tenant Retail Facility® Report

___ EDR City Directory Abstract

___ EDR Aerial Photo Decade Package

___ USGS Aerial 5 Package

___ USGS Aerial 3 Package

___ EDR Historical Topographic Maps

___ Paper Current USGS Topo (7.5 min.)

___ Environmental Lien Search

___ Chain of Title Search

___ NJ MacRaes Industrial Directory Report

___ EDR Telephone Interview

Shipping:

___ Email
___ Express, Next Day Delivery — RUSH SERVICE IS AVAILABLE
___ Express, Second Day Delivery
___ Express, Next day Delivery — Customer Account — Acct # _____
___ Express, Second Day Delivery — Customer Account — Acct # _____
___ U.S. Mail

Thank you

Holman Field

206 Airport Road

Saint Paul, MN 55107

Inquiry Number: 5454377.3

October 16, 2018

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/16/18

Site Name:

Holman Field
206 Airport Road
Saint Paul, MN 55107
EDR Inquiry # 5454377.3

Client Name:

AECOM
12120 Shamrock Plaza
Omaha, NE 68154
Contact: Brittany Kirchmann

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AECOM were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B355-40DF-81AE

PO # NA

Project Holman Field

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: B355-40DF-81AE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

AECOM (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Holman Field

206 Airport Road

Saint Paul, MN 55107

Inquiry Number: 5454377.5

October 16, 2018

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

10/16/18

Site Name:

Holman Field
206 Airport Road
Saint Paul, MN 55107
EDR Inquiry # 5454377.5

Client Name:

AECOM
12120 Shamrock Plaza
Omaha, NE 68154
Contact: Brittany Kirchmann

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1997	1"=500'	Flight Date: January 01, 1997	State\MN_1997
1991	1"=500'	Acquisition Date: April 17, 1991	USGS/DOQQ
1987	1"=500'	Flight Date: April 07, 1987	MC
1984	1"=500'	Flight Date: April 17, 1984	MC
1978	1"=500'	Flight Date: April 14, 1978	MC
1974	1"=500'	Flight Date: April 18, 1974	USDA
1966	1"=500'	Flight Date: November 02, 1966	USGS
1953	1"=500'	Flight Date: November 03, 1953	USDA
1947	1"=500'	Flight Date: May 08, 1947	USGS
1940	1"=500'	Flight Date: June 11, 1940	USDA
1937	1"=500'	Flight Date: June 30, 1937	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.


INQUIRY #: 5454377.5
YEAR: 2017
= 500'
N
EDR


INQUIRY #: 5454377.5
YEAR: 2013
= 500'
N
EDR


INQUIRY #: 5454377.5
YEAR: 2010
= 500'
N
EDR

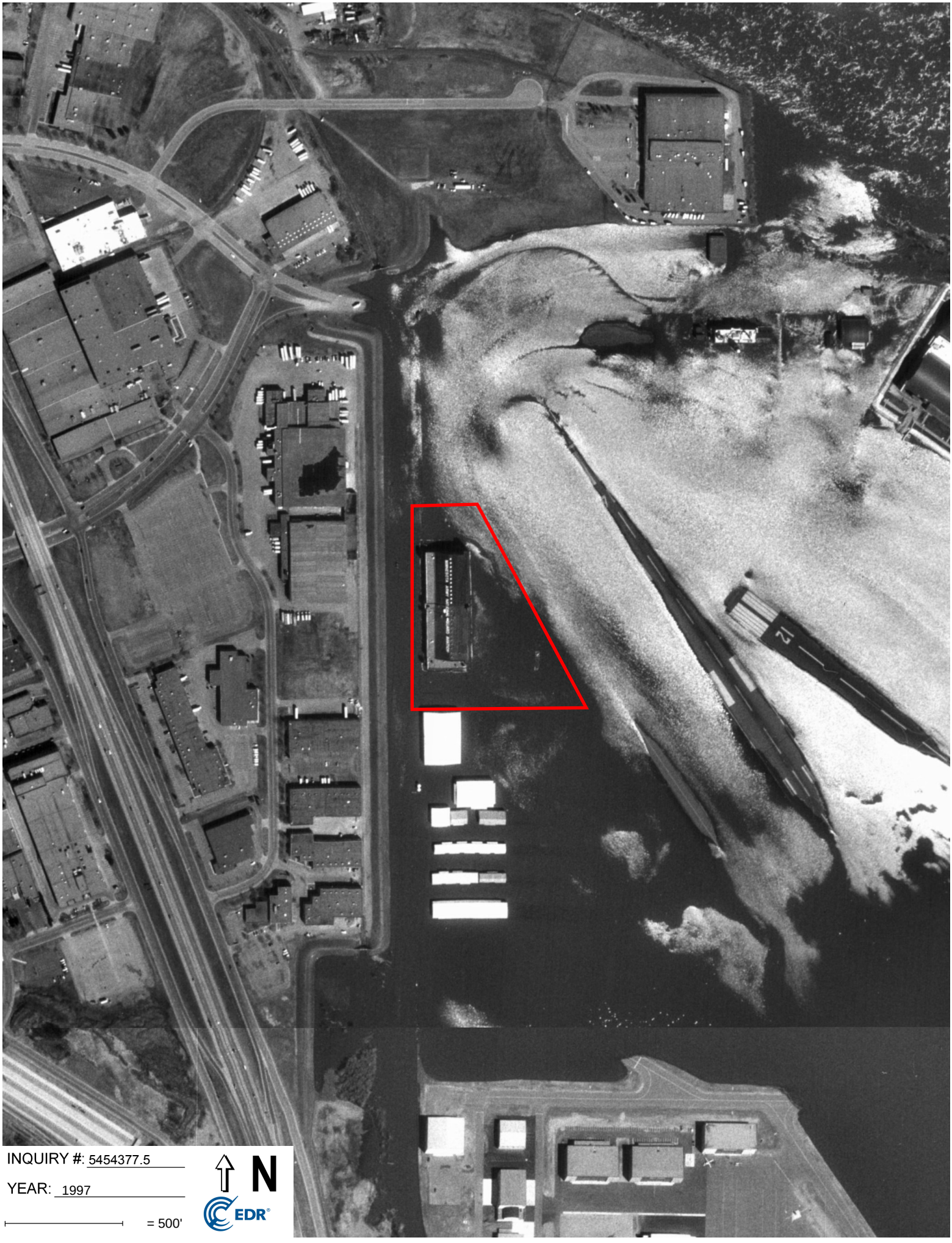
INQUIRY #: 5454377.5

YEAR: 2006

= 500'

N

EDR



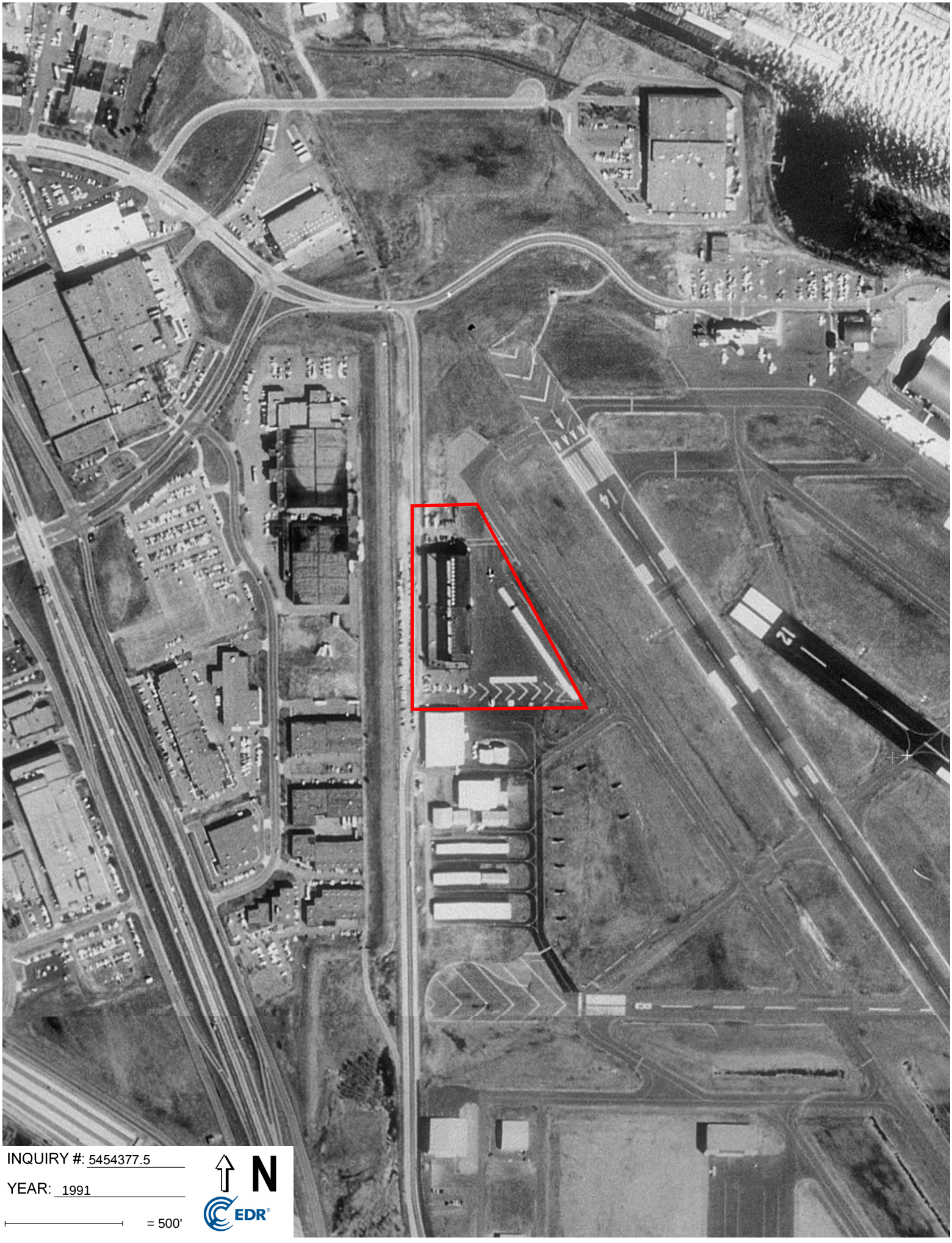
INQUIRY #: 5454377.5

YEAR: 1997

= 500'

N

EDR



INQUIRY #: 5454377.5

YEAR: 1991

= 500'

N

EDR

INQUIRY #: 5454377.5

YEAR: 1987

= 500'

N

EDR

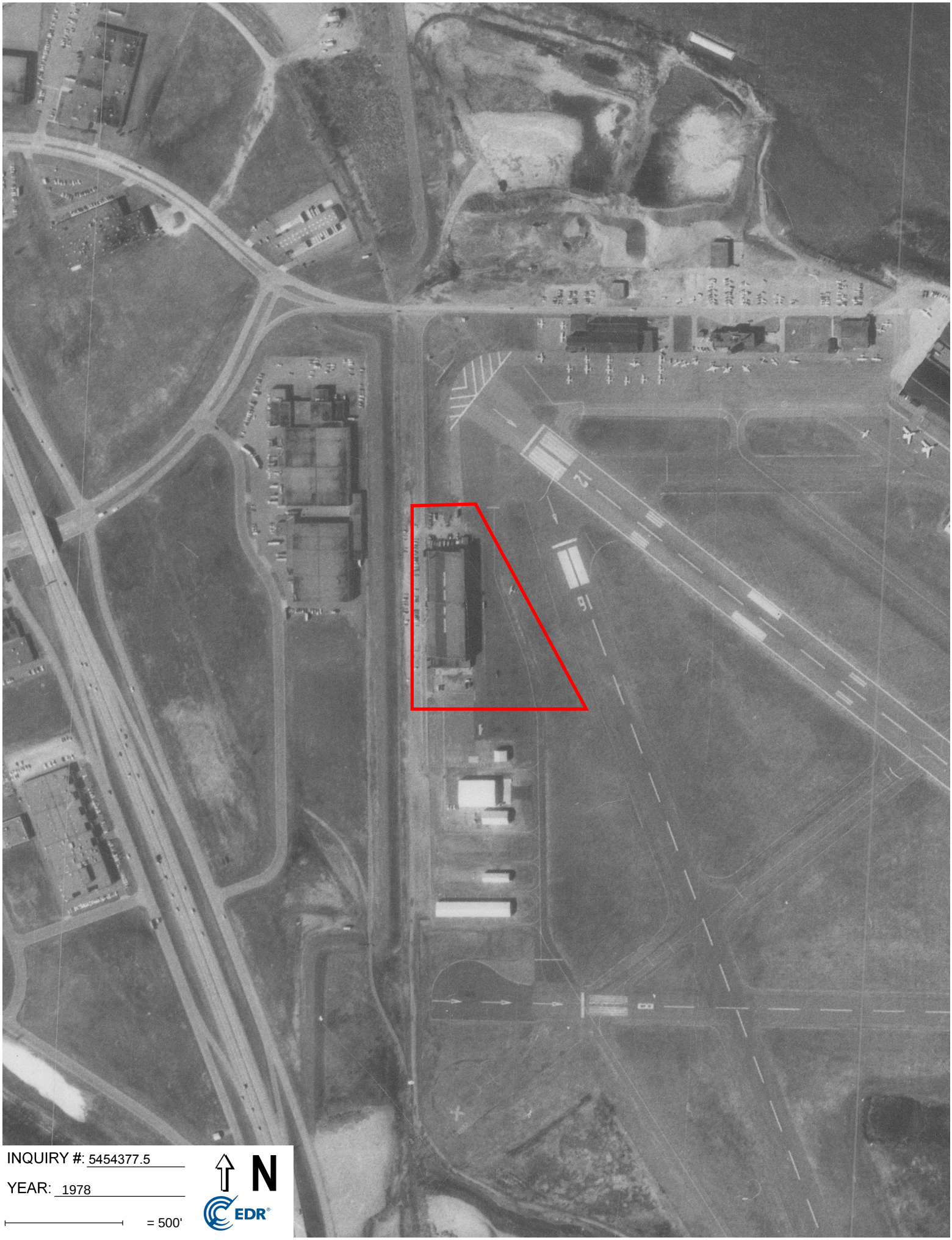
INQUIRY #: 5454377.5

YEAR: 1984

= 500'

N

EDR



INQUIRY #: 5454377.5

YEAR: 1978

= 500'

N

EDR

INQUIRY #: 5454377.5

YEAR: 1974

= 500'

N

EDR

INQUIRY #: 5454377.5

YEAR: 1966

= 500'

N

EDR

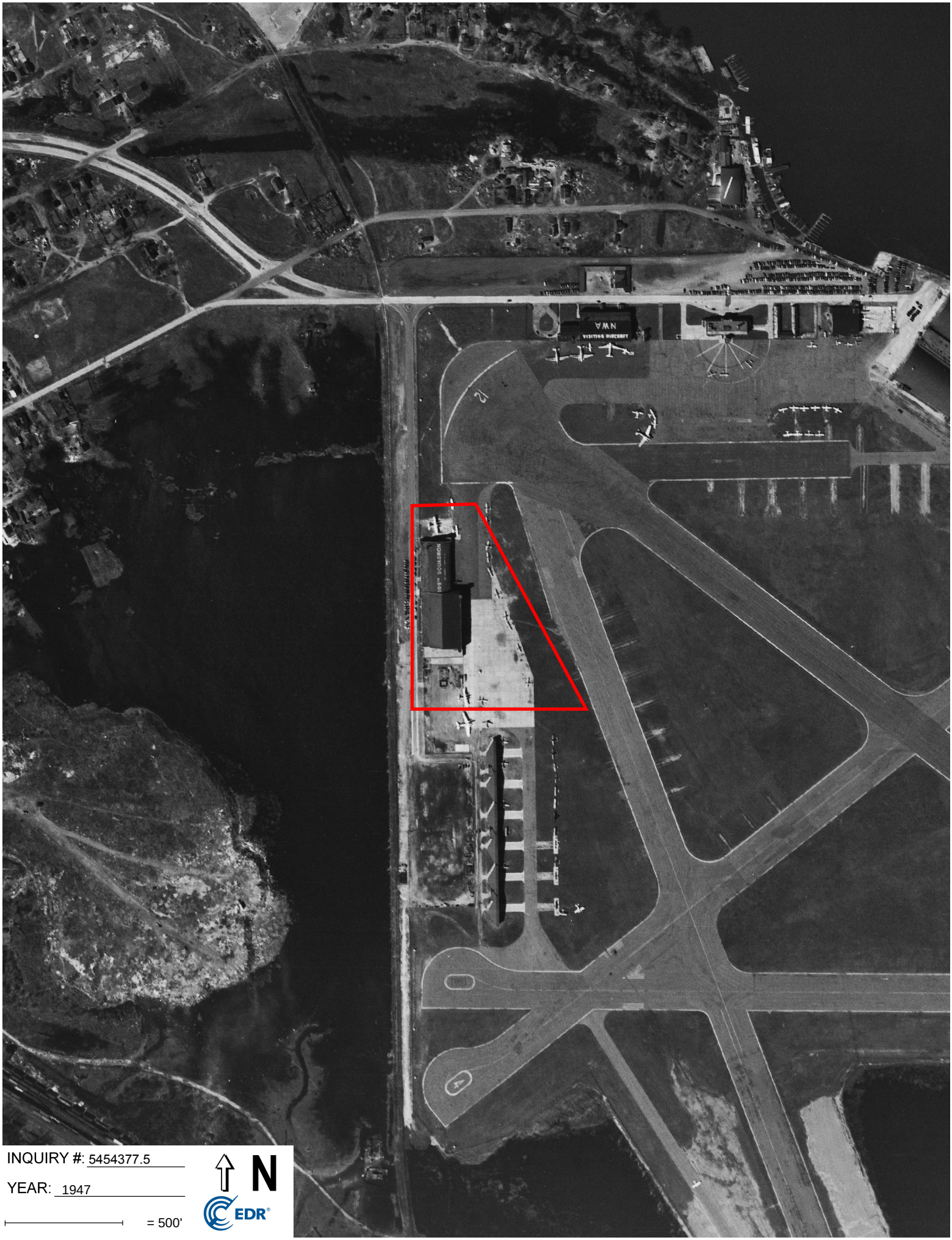
INQUIRY #: 5454377.5

YEAR: 1953

= 500'

N

EDR



INQUIRY #: 5454377.5

YEAR: 1947

= 500'

N

EDR

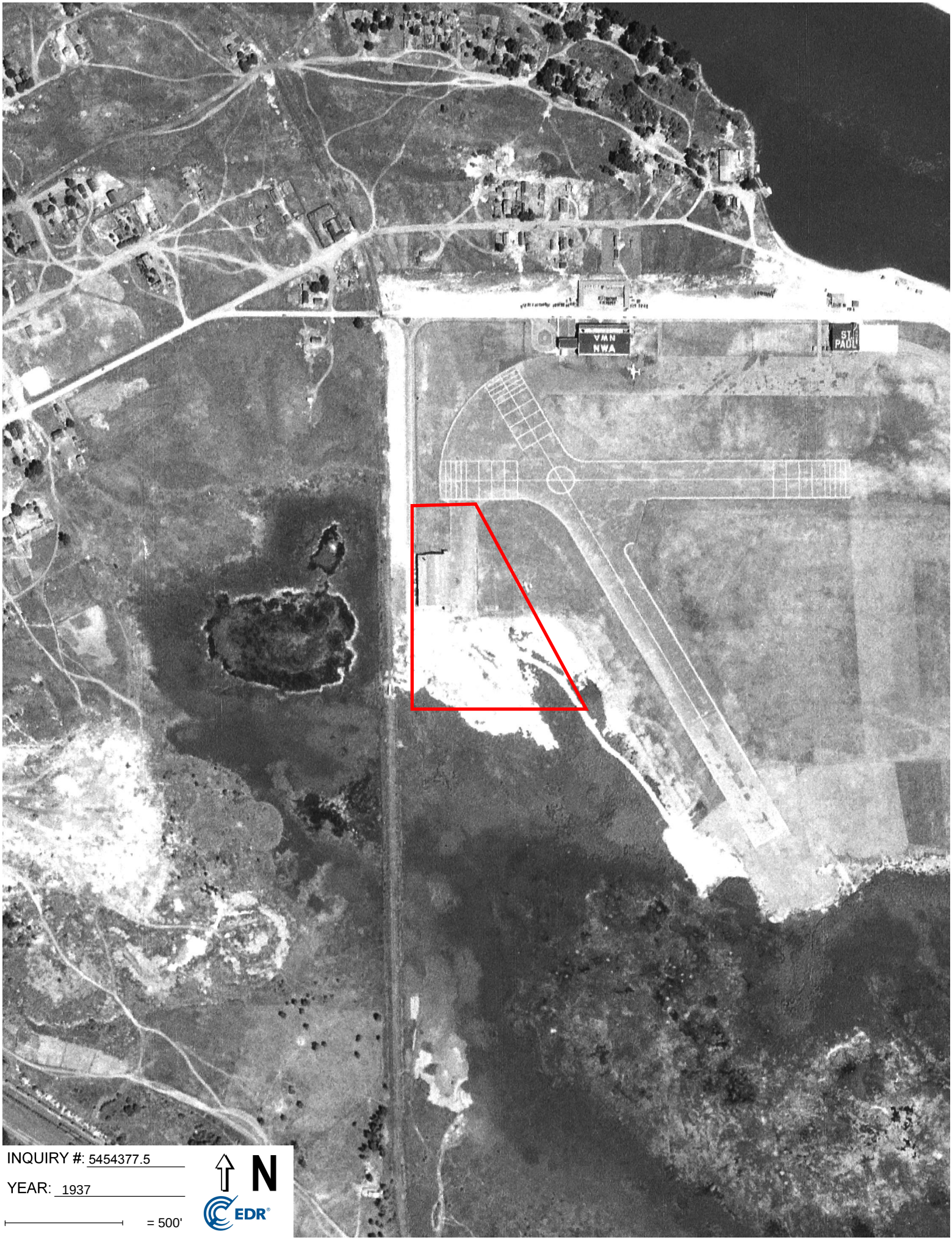
INQUIRY #: 5454377.5

YEAR: 1940

= 500'

N

EDR



INQUIRY #: 5454377.5

YEAR: 1937

= 500'

N

EDR

Holman Field
206 Airport Road
Saint Paul, MN 55107

Inquiry Number: 5454377.2s
October 16, 2018

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

206 AIRPORT ROAD
SAINT PAUL, MN 55107

COORDINATES

Latitude (North):	44.9398680 - 44° 56' 23.52''
Longitude (West):	93.0697070 - 93° 4' 10.94''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	494500.1
UTM Y (Meters):	4976056.0
Elevation:	700 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5964255 SAINT PAUL EAST, MN
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150927
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	AASF - SAINT PAUL	206 AIRPORT DR SAINT	MN UST, MN Financial Assurance		TP
A2	MN STATE NATL GUARD	206 AIRPORT RD	RCRA NonGen / NLR		TP
A3	AASF - SAINT PAUL	206 AIRPORT DR SAINT	FINDS		TP
A4	ARMY AVIATION SUPPOR	206 AIRPORT DR	MN LUST, MN SRS, MN ENF, MN WIMN, MN NPDES		TP
A5	HOLMAN FIELD	206 AIRPORT DR	MN RGA LUST		TP
A6	ARMY AVIATION SUPPOR	206 AIRPORT DR	MN MANIFEST		TP
A7	HOLMAN FIELD/AVIATIO	206 AIRPORT DR	MN RGA LUST		TP
A8	ARMY AVIATION SUPPOR	206 AIRPORT RD	FINDS, ECHO		TP
A9	ARMY AVIATION SUPPOR	206 AIRPORT RD	MN TIER 2		TP
A10	AASF - SAINT PAUL	206 AIRPORT DR SAINT	MN WIMN		TP
A11	HOLMAN FIELD	206 AIRPORT DR	MN RGA LUST		TP
A12	ARMY AVIATION SUPPOR	206 AIRPORT DR	RCRA-CESQG		TP
A13	HOLMAN FIELD/AVIATIO	206 AIRPORT DR	MN RGA LUST		TP
A14	MINNESOTA ARMY NATIO	206 AIRPORT RD	FINDS		TP
A15	MN STATE NATL GUARD	206 AIRPORT RD	FINDS, ECHO		TP
A16	ARMY AVIATION SUPPOR	206 AIRPORT DR	MN UST, MN AIRS, MN Financial Assurance, MN TIER...		TP
A17	HOLMAN FIELD	DOWTOWN SAINT PAUL A	MN LUST, MN SRS, MN WIMN	Higher	1 ft.
B18	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN BROWNFIELDS	Higher	369, 0.070, NW
B19	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN VIC, MN SRS, MN LS	Higher	369, 0.070, NW
B20	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN WIMN	Higher	369, 0.070, NW
C21	MONARCH WOOD PRODUCT	276 CHESTER ST	RCRA NonGen / NLR	Higher	476, 0.090, SSW
C22	MONARACH WOOD PRODUC	276 CHESTER ST	MN WIMN	Higher	476, 0.090, SSW
C23	MONARCH WOOD PRODUCT	292 CHESTER ST	RCRA-CESQG, MN WIMN	Higher	566, 0.107, SSW
D24	MN DOA TRAVEL MANAGE	296 CHESTER ST	MN MANIFEST	Higher	582, 0.110, SSW
D25	MN DOA TRAVEL MANAGE	296 CHESTER ST	RCRA NonGen / NLR	Higher	582, 0.110, SSW
D26	MN DOA TRAVEL MANAGE	296 CHESTER ST	MN TIER 2, MN WIMN	Higher	582, 0.110, SSW
D27	MN DOA TRAVEL MANAGE	296 CHESTER ST	MN AST	Higher	582, 0.110, SSW
C28	ISD 625 TRANSPORTATI	261 CHESTER ST	MN LUST, MN VIC, MN BROWNFIELDS, MN SPILLS, MN...	Higher	597, 0.113, SW
C29	ISD 625 TRANSPORTATI	261 CHESTER ST	MN UST	Higher	597, 0.113, SW
C30	ISD 625 TRANSPORTATI	261 CHESTER ST	MN MANIFEST	Higher	597, 0.113, SW
C31	FEDERAL EXPRESS CORP	261 CHESTER ST	RCRA-CESQG	Higher	597, 0.113, SW
C32	FED EX	261 CHESTER ST	MN SRS	Higher	597, 0.113, SW
C33	FEDEX ST. PAUL FACIL	261 CHESTER ST	MN SRS	Higher	597, 0.113, SW
C34	FEDERAL EXPRESS	261 CHESTER ST	MN SRS	Higher	597, 0.113, SW
35	BELL COLD STORAGE	250 CHESTER ST	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	625, 0.118, West
E36	ATLAS COLD STORAGE U	240 CHESTER ST	MN SPILLS, MN Financial Assurance, MN TIER 2, MN...	Higher	649, 0.123, WNW
E37	VERSACOLD USA INC	240 CHESTER ST	RCRA-CESQG	Higher	649, 0.123, WNW
E38	BELL COLD STORAGE	236-260 CHESTER ST	MN BROWNFIELDS, MN WIMN	Higher	671, 0.127, WNW
E39	BELL COLD STORAGE PT	236-260 CHESTER ST	MN VIC, MN SRS, MN LS, MN VAPOR	Higher	671, 0.127, WNW

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	BELL COLD STORAGE PT	236-260 CHESTER ST	MN BROWNFIELDS	Higher	671, 0.127, WNW
D41	SEALED AIR CORP	310 CHESTER ST	MN MANIFEST	Higher	700, 0.133, SSW
D42	SEALED AIR CORP	310 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO, MN WIMN	Higher	700, 0.133, SSW
E43	FEDERAL EXPRESS CORP	216 CHESTER ST	MN MANIFEST	Higher	718, 0.136, WNW
E44	FEDERAL EXPRESS CORP	216 CHESTER ST	RCRA NonGen / NLR, MN WIMN	Higher	718, 0.136, WNW
D45	MINUTEMAN PRESS - CH	322 CHESTER ST	MN WIMN, MN NPDES	Higher	753, 0.143, SSW
D46	MINUTEMAN PRESS - CH	322 CHESTER ST	RCRA-CESQG	Higher	753, 0.143, SSW
D47	MINUTEMAN PRESS - CH	322 CHESTER ST	MN MANIFEST	Higher	753, 0.143, SSW
D48	NEW TECH INDUSTRIAL	324 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO, MN WIMN	Higher	757, 0.143, SSW
49	BLDG REMOVAL SP6244-	ADDRESS UNKNOWN	MN WIMN	Higher	797, 0.151, NE
F50	AIR METHODS CORP	336 CHESTER ST	MN MANIFEST	Higher	811, 0.154, SSW
F51	CRITCIAL CARE SVCS D	336 CHESTER ST B	RCRA NonGen / NLR, FINDS, ECHO	Higher	811, 0.154, SSW
F52	RIVERVIEW BUSINESS P	336 CHESTER ST/UNIT	RCRA NonGen / NLR, FINDS, ECHO	Higher	811, 0.154, SSW
F53	AIR METHODS CORP	336 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO, MN WIMN	Higher	811, 0.154, SSW
F54	DUCTS AND CLEATS	334 CHESTER ST	MN WIMN	Higher	824, 0.156, SSW
G55	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Higher	831, 0.157, North
G56	RIDDER CIRCLE PROPER	SEE LOCATION DESCRIP	MN LS	Higher	831, 0.157, North
G57	RIDDER CIRCLE PROPER	SEE LOCATION DESCRIP	MN INST CONTROL, MN BROWNFIELDS, MN WIMN	Higher	831, 0.157, North
F58	WILBRECHT ELECTRICS	346 CHESTER ST	MN MANIFEST	Higher	845, 0.160, SSW
F59	WILBRECHT ELECTRICS	346 CHESTER ST	MN WIMN	Higher	845, 0.160, SSW
F60	WILBRECHT ELECTRONIC	346 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	845, 0.160, SSW
H61	STATE STREET DUMP	SEE LOCATION DESCRIP	MN SRS	Higher	890, 0.169, WSW
H62	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN BROWNFIELDS	Higher	890, 0.169, WSW
63	SAINT PAUL DOWNTOWN	BAYFIELD ST	MN LUST, MN SRS, MN WIMN	Higher	899, 0.170, NNW
F64	SPRC PACKAGING FIRST	341 CHESTER ST	RCRA NonGen / NLR	Higher	948, 0.180, SSW
F65	PACKAGING FIRST DIV	341 CHESTER ST	MN WIMN	Higher	948, 0.180, SSW
I66	2014 PAVEMENT REHAB	ADDRESS UNKNOWN	MN WIMN	Lower	948, 0.180, SE
I67	2012 PAVEMENT REHABI	ADDRESS UNKNOWN	MN WIMN	Lower	948, 0.180, SE
J68	RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	MN BROWNFIELDS	Higher	976, 0.185, SW
J69	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN VIC	Higher	976, 0.185, SW
J70	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN SRS	Higher	976, 0.185, SW
J71	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN BROWNFIELDS	Higher	976, 0.185, SW
J72	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN Financial Assurance, MN LS	Higher	976, 0.185, SW
J73	JASPER ENGINES & TRA	268 E LAFAYETTE FRON	MN WIMN	Higher	976, 0.185, SW
J74	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN VIC, MN SRS	Higher	976, 0.185, SW
J75	JASPER ENGINES & TRA	268 E LAFAYETTE FRON	RCRA-CESQG	Higher	976, 0.185, SW
J76	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN BROWNFIELDS, MN WIMN	Higher	976, 0.185, SW
J77	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN VIC, MN SRS	Higher	976, 0.185, SW
J78	JASPER ENGINES & TRA	268 E LAFAYETTE FRON	MN MANIFEST	Higher	976, 0.185, SW

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J79	MICRO MEDICS INCORPO	268 E LAFAYETTE FRON	NY MANIFEST	Higher	976, 0.185, SW
J80	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN SRS	Higher	976, 0.185, SW
J81	STATE STREET DUMP	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	976, 0.185, SW
J82	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN BROWNFIELDS	Higher	976, 0.185, SW
J83	RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	MN SRS	Higher	976, 0.185, SW
J84	RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	MN VIC	Higher	976, 0.185, SW
H85	EATON STREET PROPERT	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	992, 0.188, WSW
H86	CHESTER STREET FEDEX	SEE LOCATION DESCRIP	MN BROWNFIELDS	Higher	992, 0.188, WSW
H87	EATON STREET PROPERT	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Higher	992, 0.188, WSW
H88	STATE STREET DUMP	SEE LOCATION DESCRIP	MN SRS	Higher	993, 0.188, WSW
H89	STATE STREET DUMP	SEE LOCATION DESCRIP	MN VIC	Higher	993, 0.188, WSW
H90	STATE STREET DUMP	SEE LOCATION DESCRIP	MN LS	Higher	993, 0.188, WSW
K91	C & G OFFICE PRODUCT	272 E LAFAYETTE RD	MN MANIFEST	Higher	1068, 0.202, SSW
K92	C & G OFFICE PRODUCT	272 E LAFAYETTE RD	MN SPILLS, MN Financial Assurance, MN WIMN	Higher	1068, 0.202, SSW
L93	528 PARTNERSHIP LLP	345 E PLATO BLVD	MN MANIFEST, MN NPDES	Higher	1079, 0.204, WNW
M94	NORTHPORT ADDITION	SEE LOCATION DESCRIP	MN BROWNFIELDS	Lower	1089, 0.206, NNE
M95	DOBOSZENSKI & SONS I	9520 COUNTY RD 19	MN ENF, MN WIMN, MN NPDES	Lower	1089, 0.206, NNE
M96	NORTHPORT ADDITION	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Lower	1089, 0.206, NNE
L97	GRAINGER	345 E PLATO BLVD STE	RCRA-CESQG	Higher	1092, 0.207, WNW
N98	EXECUTIVE IFT INC	590 BAYFIELD ST	MN AST	Higher	1126, 0.213, NE
N99	EXECUTIVE IFT INC	590 BAYFIELD ST	RCRA NonGen / NLR, FINDS, ECHO, MN Financial...	Higher	1126, 0.213, NE
N100	EXECUTIVE IFT INC	590 BAYFIELD ST	MN LAST, MN LUST, MN UST, MN SRS, MN WIMN	Higher	1126, 0.213, NE
L101	529 LIMITED PARTNERS	345 PLATO BLVD E	MN ENF, MN WIMN, MN NPDES	Higher	1161, 0.220, West
L102	BROWN AND BIGELOW	345 PLATO BLVD	RCRA-CESQG, MN LUST, MN VIC, MN BROWNFIELDS, MN...	Higher	1161, 0.220, West
L103	528 PARTNERSHIP LLP	345 PLATO BLVD E	MN UST	Higher	1161, 0.220, West
O104	DIGIT IMAGING CENTER	284 LAFAYETTE FRONTA	RCRA NonGen / NLR	Higher	1250, 0.237, SSW
O105	VALSPAR CONTRACTOR S	284 E LAFAYETTE RD	MN WIMN	Higher	1250, 0.237, SSW
P106	VOMELA SPECIALTIES R	444 FILLMORE AVE E	MN MANIFEST	Higher	1292, 0.245, NW
P107	VOMELA SPECIALTIES R	444 FILLMORE AVE E	RCRA-CESQG, MN WIMN	Higher	1292, 0.245, NW
O108	SURGICAL TECHNOLOGIE	292 E LAFAYETTE FRON	MN WIMN	Higher	1346, 0.255, SSW
Q109	ADVANCE CORPADVANCE	287 S LAFAYETTE RD	MN WIMN	Higher	1361, 0.258, WSW
R110	ST PAUL FLIGHT CENTE	270 AIRPORT RD	MN ENF, MN WIMN	Higher	1374, 0.260, South
R111	AIR METHODS CORP	270 AIRPORT DR STE 1	MN WIMN	Higher	1374, 0.260, South
P112	MNDOT LAFAYETTE BRID	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1376, 0.261, NW
P113	MNDOT LAFAYETTE BRID	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	1376, 0.261, NW
Q114	GRAINGER INDUSTRIAL	277 LAFAYETTE FRONTA	RCRA NonGen / NLR, MN WIMN	Higher	1380, 0.261, WSW
115	LAFAYETTE CENTER	SEE LOCATION DESCRIP	MN VIC, MN BROWNFIELDS, MN SRS, MN WIMN	Higher	1393, 0.264, SW
Q116	COLLINS COMMUNICATIO	273 W LAFAYETTE FRON	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN VAPOR,...	Higher	1412, 0.267, WSW
R117	ST. PAUL FLIGHT CENT	278 AIRPORT DR	MN Financial Assurance, MN WIMN	Higher	1432, 0.271, South

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S118	VACANT BUILDING	265 LAFAYETTE FRONTA	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN	Higher	1433, 0.271, WSW
S119	METRO DEAF SCHOOL	265 W LAFAYETTE RD S	RCRA-CESQG, MN WIMN	Higher	1433, 0.271, WSW
R120	ST PAUL FLIGHT CENTE	280 AIRPORT DR	MN WIMN	Higher	1446, 0.274, South
R121	SAINT PAUL FLIGHT CE	280 AIRPORT INC	MN WIMN	Higher	1446, 0.274, South
T122	REMACKEL SALVAGE SIT	SEE LOCATION DESCRIP	MN SRS, MN WIMN	Lower	1479, 0.280, NNE
T123	REMACKEL SALVAGE SIT	SEE LOCATION DESCRIP	MN LS	Lower	1479, 0.280, NNE
U124	LAFAYETTE CENTER	285 E FLORIDA ST	MN VIC, MN BROWNFIELDS, MN SRS, MN VAPOR, MN WIMN	Higher	1485, 0.281, SW
U125	MINNESOTA LIFE	285 FLORIDA ST	MN SPILLS, MN Financial Assurance, MN TIER 2, MN...	Higher	1485, 0.281, SW
R126	REGENT EQUIPMENT MAI	290 AIRPORT DR	RCRA-CESQG, MN WIMN	Higher	1517, 0.287, South
V127	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Lower	1534, 0.291, North
V128	PORT AUTHORITY ASH S	SEE LOCATION DESCRIP	MN SRS, MN VAPOR, MN WIMN	Lower	1548, 0.293, North
V129	PORT AUTHORITY ASH S	SEE LOCATION DESCRIP	MN LS	Lower	1549, 0.293, North
V130	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN LS	Lower	1564, 0.296, North
U131	RIVERVIEW IND'L. PAR	SEE LOCATION DESCRIP	MN INST CONTROL, MN WIMN	Higher	1566, 0.297, SW
U132	RIVERVIEW IND'L. PAR	SEE LOCATION DESCRIP	MN LS	Higher	1566, 0.297, SW
U133	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1566, 0.297, SW
U134	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	1566, 0.297, SW
135	FORMER PIONEER PRESS	1 RIDDER CIR	MN LUST, MN LAST, MN VIC, MN BROWNFIELDS, MN SRS,...	Lower	1578, 0.299, NNE
W136	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN LS	Higher	1648, 0.312, SSW
X137	245 LAFAYETTE OFFICE	245 LAFAYETTE FRONTA	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN	Higher	1649, 0.312, West
X138	NATIONAL OIL BARCOM	245 LAFAYETTE FRONTA	MN SRS	Higher	1649, 0.312, West
U139	SCANLAN INTERNATIONA	ONE SCANLAN PLAZA	MN VIC, MN SRS, MN LS	Higher	1652, 0.313, SW
U140	SCANLAN INTERNATIONA	ONE SCANLAN PLAZA	MN BROWNFIELDS, MN WIMN	Higher	1652, 0.313, SW
Y141	DALLAS AIRMOTIVE INC	330 BRAVO LN	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	1673, 0.317, South
W142	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN WIMN	Lower	1684, 0.319, SSW
W143	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS	Lower	1684, 0.319, SSW
Z144	3M ST. PAUL - OH & E	410 E FILLMORE AVE	MN AIRS, MN TIER 2, MN WIMN, MN NPDES	Higher	1756, 0.333, NW
145	FORMER GAS STATION	175 W LAFAYETTE RD	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	1785, 0.338, West
AA146	COLLINS ELECTRICAL &	278 STATE ST	MN MANIFEST, MN WIMN	Higher	1796, 0.340, WSW
147	M A C/HOLMAN FIELD	645 BAYFIELD ST	MN LUST, MN UST, MN SRS, MN SPILLS, MN Financial...	Higher	1832, 0.347, ENE
148	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Higher	1863, 0.353, South
Y149	XCEL ENERGY - AVIATI	410 BRAVO LN HOLMAN	MN MANIFEST, MN WIMN	Higher	1875, 0.355, South
Y150	REGENT AVIATION	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1875, 0.355, South
Y151	MINNESOTA JET INC	410 BRAVO LN	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	1875, 0.355, South
AB152	VIKING DRILL & TOOL	355 STATE ST	MN VIC, MN BROWNFIELDS, MN SRS, MN SPILLS, MN...	Higher	1879, 0.356, SW
AB153	VIKING DRILL AND TOO	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1879, 0.356, SW
AA154	295 STATE STREET	295 STATE ST	MN INST CONTROL, MN VIC, MN BROWNFIELDS, MN SRS,...	Lower	1905, 0.361, WSW
AC155	240 PLATO	240 PLATO BLVD EAST	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN VAPOR,...	Higher	1926, 0.365, West
Z156	AMERICRAFT CARTON IN	403 FILLMORE AVE E	MN AIRS, MN ENF, MN Financial Assurance, MN WIMN,...	Higher	1931, 0.366, NW

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Target Property Address:
206 AIRPORT ROAD
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AB157	VIKING DRILL AND TOO	SEE LOCATION DESCRIP	MN BROWNFIELDS	Higher	1951, 0.370, SW
158	AERO SYSTEMS ENGINEE	358 FILLMORE AVE E	MN ENF, MN MANIFEST, MN WIMN, MN NPDES	Higher	1954, 0.370, NW
AD159	RIVERVIEW IND. PARK	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Lower	1962, 0.372, SW
AD160	RIVERVIEW IND. PARK	SEE LOCATION DESCRIP	MN LS	Lower	1962, 0.372, SW
161	HMONG AMERICAN FUNER	NE OF EATON ST AND W	US BROWNFIELDS, FINDS	Lower	1970, 0.373, SSW
AE162	DAKOTA BARGE	91 RIDDER CIR	MN SRS, MN WIMN	Higher	1980, 0.375, NNW
AE163	SEMPLE RECYCLING & C	91 RIDDER CIR	MN LUST, MN AIRS, MN Financial Assurance, MN WIMN,...	Higher	1980, 0.375, NNW
164	THOELE PRINTING INC	253 STATE ST STE A	RCRA NonGen / NLR, MN WIMN	Higher	2016, 0.382, WSW
AD165	MINI STORAGE	246 EATON ST	MN VIC, MN BROWNFIELDS, MN SRS, MN SPILLS, MN...	Higher	2025, 0.384, SSW
AD166	RIVERVIEW IND. PARK	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	2047, 0.388, SW
AF167	GREENTREE HANGAR	HOLMAN FIELD NEAR EA	MN VIC, MN SRS	Higher	2060, 0.390, SSE
AF168	GREEN TREE HANGAR	HOLMAN FIELD NEAR EA	MN LS	Higher	2060, 0.390, SSE
AF169	GREENTREE HANGAR	HOLMAN FIELD NEAR EA	MN BROWNFIELDS	Higher	2060, 0.390, SSE
AF170	GREEN TREE HANGAR	HOLMAN FIELD NEAR EA	MN WIMN	Higher	2060, 0.390, SSE
AC171	STATE STREET DUMP	SATE & CHESTER STREE	SEMS-ARCHIVE, MN VIC, MN SRS, MN LS	Higher	2118, 0.401, West
AC172	STATE STREET VACANT	STATE ST	MN INST CONTROL, MN BROWNFIELDS, MN WIMN	Higher	2118, 0.401, West
AG173	BALLISTIC RECOVERY S	380 AIRPORT RD	MN WIMN, MN NPDES	Higher	2142, 0.406, South
174	2011 PAVEMENT REHAB	ADDRESS UNKNOWN	MN WIMN	Lower	2172, 0.411, SE
175	RTC INC	180 STATE ST	RCRA NonGen / NLR, MN WIMN	Higher	2181, 0.413, West
176	LIT MIDWAY LLT	141 S LAFAYETTE RD	MN WIMN	Higher	2194, 0.416, WNW
AG177	335 ALPHA LANE	335 ALPHA LN	MN Financial Assurance, MN LS	Lower	2204, 0.417, South
AG178	HOLMAN FIELD	335 ALPHA LN	MN LUST, MN INST CONTROL, MN VIC, MN BROWNFIELDS,..	Lower	2204, 0.417, South
AG179	GREENTREE HANGAR #2	HOLMAN FIELD NEAR EA	MN VIC, MN SRS	Higher	2206, 0.418, South
AG180	CCI PILOT SERVICES I	350 ALPHA LN	RCRA-CESQG, FINDS, ECHO, MN WIMN	Higher	2206, 0.418, South
AG181	GREENTREE HANGAR #2	HOLMAN FIELD NEAR EA	MN BROWNFIELDS	Higher	2212, 0.419, South
AH182	MOLEX COPPER FLEX PR	155 EATON ST	MN LS	Lower	2265, 0.429, SW
AH183	MOLEX INC. COPPER FL	155 EATON ST	MN INST CONTROL, MN VIC, MN BROWNFIELDS, MN SRS,...	Lower	2265, 0.429, SW
AI184	ST. PAUL AIRPORT HOL	520 EATON ST	MN LUST, MN LAST, MN SRS, MN Financial Assurance,...	Lower	2265, 0.429, SSE
AJ185	CNW TRANS	206 EATON ST	MN SPILLS, MN Financial Assurance, MN WIMN	Higher	2270, 0.430, SW
AK186	MNDOT AERONAUTICS BU	222 E PLATO BLVD	MN WIMN	Higher	2301, 0.436, West
AI187	UNITED HEALTHCARE HA	513 EATON ST	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN, MN.	Lower	2306, 0.437, South
AI188	MINNESOTA STATE PATR	515 EATON ST	MN ENF, MN MANIFEST, MN WIMN, MN NPDES	Lower	2306, 0.437, South
AJ189	FILLMORE REDEVELOPME	FILLMORE, FAIRFIELD	MN BROWNFIELDS, MN WIMN	Higher	2330, 0.441, SW
AH190	UNIVERSITY OF MINNES	HARRIET ISLAND RD	MN SWF/LF, MN UNPERM LF, MN ENF, MN WIMN	Lower	2334, 0.442, WSW
AH191	STATE AND CONCORD TO	SEE LOCATION DESCRIP	MN WIMN	Lower	2334, 0.442, WSW
AH192	30 PLATO BOULEVARD E	30 E PLATO	MN BROWNFIELDS	Lower	2334, 0.442, WSW
AH193	ASSOCIATED MICROFILM	156 BREMER BLDG	MN WIMN	Lower	2334, 0.442, WSW
AH194	STATE STREET DUMP, F	SEE LOCATION DESCRIP	MN SRS	Lower	2334, 0.442, WSW
AH195	FILLMORE REDEVELOPME	FILLMORE, FAIRFIELD	MN VIC, MN SRS	Lower	2334, 0.442, WSW

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AH196	FILLMORE REDEVELOPME	FILLMORE, FAIRFIELD	MN SRS	Lower	2334, 0.442, WSW
AK197	TURSSO COMPANIES INC	223 E PLATO BLVD	MN SPILLS, MN AIRS, MN ENF, MN Financial...	Higher	2337, 0.443, West
198	PEOPLE SERVING PEOPL	353 E FILLMORE AVE	RCRA-CESQG, MN WIMN	Higher	2341, 0.443, NW
AL199	ASSET RECOVERY CORP	150 STATE ST	MN LUST, MN SRS, MN WIMN	Higher	2343, 0.444, WNW
AI200	AIR NET SYSTEMS	527 EATON ST	RCRA-CESQG, MN WIMN	Lower	2344, 0.444, SSE
AM201	USPS VEHICLE MAINTEN	314 EVA ST	MN LUST, MN SRS	Lower	2379, 0.451, WSW
AM202	US POSTAL SERVICE VE	314 EVA ST	MN ENF, MN TIER 2, MN WIMN, MN NPDES	Lower	2379, 0.451, WSW
AH203	NOVA MEDICAL INC	150 EATON ST	MN WIMN	Higher	2386, 0.452, SW
AN204	SIGNATURE FLIGHT SUP	529 EATON ST	MN MANIFEST, MN WIMN	Lower	2390, 0.453, SSE
AO205	REGENT AVIATION	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	2404, 0.455, SSE
AO206	REGENT AVIATION	SEE LOCATION DESCRIP	MN LS	Higher	2404, 0.455, SSE
AL207	AMERICAN DRIVE AXLE	145 STATE ST	MN WIMN	Higher	2406, 0.456, West
AM208	UNITED POSTAL SERVIC	314 S EVA ST	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN	Lower	2419, 0.458, WSW
AP209	MNDOT PARCEL 5 DEMO	339 FILLMORE ST	MN WIMN	Higher	2425, 0.459, NW
AP210	RTC INC - ST PAUL	343 FILLMORE AVE E	MN SPILLS, MN Financial Assurance, MN WIMN	Higher	2442, 0.463, NW
AM211	U.S. POSTAL SERVICE	285 S EVA ST	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Lower	2486, 0.471, WSW
AQ212	ST. PAUL AIRPORT HOL	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AQ213	ST. PAUL DOWNTOWN AI	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AQ214	ST. PAUL DOWNTOWN AI	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AQ215	RC AVIONICS	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AM216	FORMER BULK FACILITY	291 EVA ST	MN LUST, MN SRS, MN Financial Assurance, MN VAPOR,...	Lower	2493, 0.472, WSW
AL217	MODERNISTIC INDUSTRI	139 STATE ST	RCRA-CESQG, MN WIMN	Higher	2496, 0.473, WNW
AR218	WALMAN OPTICAL CO IN	230 EVA ST	MN WIMN	Higher	2510, 0.475, WSW
AN219	DWIGHT MANAGEMENT	605 EATON ST	RCRA-CESQG, FINDS, ECHO, MN WIMN	Higher	2517, 0.477, SSE
AQ220	WINGS INC (ST PAUL D	670 BAYFIELD ST	MN LUST, MN UST, MN SRS, MN Financial Assurance,...	Lower	2555, 0.484, East
221	PHOENIX RESIDENCE IN	135 E COLORADO ST	MN UST, MN SPILLS, MN Financial Assurance, MN WIMN	Higher	2567, 0.486, SW
AQ222	US ARMY RESERVE FLIG	680 BAYFIELD ST	MN WIMN	Lower	2572, 0.487, East
AS223	3M AVIATION	690 BAYFIELD ST	MN LUST, MN UST, MN SRS, MN SPILLS, MN Financial...	Lower	2590, 0.491, East
224	SAINT PAUL FUNERAL H	199 PLATO BLVD E	MN WIMN	Higher	2594, 0.491, West
AS225	SANBORN AVIATION INC	700 BAYFIELD	MN WIMN	Lower	2610, 0.494, East
AS226	REGENT AVIATION	700 BAYFIELD ST	MN LAST, MN LUST, MN SRS, MN Financial Assurance,...	Lower	2610, 0.494, East
AR227	NSP	215 EVA ST	MN LUST, MN BROWNFIELDS, MN SRS, MN SPILLS, MN...	Higher	2619, 0.496, WSW
228	WARNER ROAD PROPERTY	600 WARNER RD	MN UST, MN Financial Assurance, MN WIMN	Lower	2621, 0.496, NNE
AP229	SOLANGE AUTO SERVICE	291 FILLMORE AVE E	RCRA-CESQG, MN UST, MN Financial Assurance, MN...	Higher	2635, 0.499, NW
230	AMDURA	68 S ROBERT ST	MN SHWS, MN SRS, MN DEL PLP, MN LS, MN WIMN	Higher	4118, 0.780, WNW
231	PINTSON COMPRESSING	257 COMMERCIAL STREE	EDR MGP	Higher	4332, 0.820, North
232	HAAS PROPERTIES	160 S WABASHA ST	MN SHWS, MN VIC, MN BROWNFIELDS, MN SRS, MN VAPOR,...	Higher	4667, 0.884, West
233	43 EAST WATER STREET	43 E WATER ST	MN SHWS, MN SRS, MN DEL PLP, MN LS, MN WIMN	Higher	4980, 0.943, West
234	ST. PAUL GAS MFG SIT	OLIVE ST BTWN 4TH AN	EDR MGP	Higher	5241, 0.993, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
AASF - SAINT PAUL 206 AIRPORT DR SAINT SAINT PAUL, MN 55107	MN UST MN Financial Assurance Database: Financial Assurance 1, Date of Government Version: 08/01/2016 PROGRAM ID: 193473	N/A
MN STATE NATL GUARD 206 AIRPORT RD ST PAUL, MN 55107	RCRA NonGen / NLR EPA ID:: MND985720986	MND985720986
AASF - SAINT PAUL 206 AIRPORT DR SAINT SAINT PAUL, MN 55107	FINDS Registry ID:: 110067891106	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR SAINT PAUL, MN 55107	MN LUST Closed Date: 11/4/1999 Closed Date: 12/6/1996 Site Id: LS0011755 Site Id: LS0005349 MN SRS Facility Id: LS0011755 Facility Id: LS0005349 MN ENF Facility Id: TS0010283 MN WIMN Status: Y MN NPDES	N/A
HOLMAN FIELD 206 AIRPORT DR SAINT PAUL, MN	MN RGA LUST	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR SAINT PAUL, MN 55107	MN MANIFEST	N/A
HOLMAN FIELD/AVIATIO 206 AIRPORT DR ST. PAUL, MN	MN RGA LUST	N/A
ARMY AVIATION SUPPOR 206 AIRPORT RD SAINT PAUL, MN 55107	FINDS	N/A

	Registry ID:: 110003794234 ECHO Registry ID: 110003794234	
ARMY AVIATION SUPPOR 206 AIRPORT RD ST. PAUL, MN 55107	MN TIER 2 Facility Status: ACTIVE ERC Number: 9472 ERC Number: 620700188	N/A
AASF - SAINT PAUL 206 AIRPORT DR SAINT SAINT PAUL, MN 55107	MN WIMN Status: N	N/A
HOLMAN FIELD 206 AIRPORT DR ST. PAUL, MN	MN RGA LUST	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR ST. PAUL, MN 55107	RCRA-CESQG EPA ID:: MND980682207	MND980682207
HOLMAN FIELD/AVIATIO 206 AIRPORT DR SAINT PAUL, MN	MN RGA LUST	N/A
MINNESOTA ARMY NATIO 206 AIRPORT RD MAPLEWOOD, MN 55109	FINDS Registry ID:: 110068062214	N/A
MN STATE NATL GUARD 206 AIRPORT RD ST PAUL, MN 55107	FINDS Registry ID:: 110015864741 ECHO Registry ID: 110015864741	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR SAINT PAUL, MN 55107	MN UST MN AIRS Facility Id: 12300769 MN Financial Assurance Database: Financial Assurance 1, Date of Government Version: 08/01/2016 PROGRAM ID: 218019 PROGRAM ID: 224160 PROGRAM ID: 199452 MN TIER 2	N/A

EXECUTIVE SUMMARY

Facility Status: ACTIVE
ERC Number: 9472

MN WIMN
Status: Y

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

MN PLP ---------- Permanent List of Priorities

State and tribal landfill and/or solid waste disposal site lists

MN LCP ---------- Closed Landfills Priority List

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

MN SWRCY ---------- Recycling Facilities
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
MN CDL ---------- Clandestine Drug Labs
US CDL ---------- National Clandestine Laboratory Register

Local Land Records

MN LIENS ---------- Environmental Liens
LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
MN AGSPILLS ---------- Department of Agriculture Spills
MN SPILLS 90 ---------- SPILLS 90 data from FirstSearch
MN SPILLS 80 ---------- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---------- Formerly Used Defense Sites
DOD ---------- Department of Defense Sites

SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
UXO Unexploded Ordnance Sites
DOCKET HWC Hazardous Waste Compliance Docket Listing
FUELS PROGRAM EPA Fuels Program Registered Listing
MN AGVIC Agricultural Voluntary Investigation & Cleanup Listing
MN ASBESTOS Asbestos Notification Listing
MN BULK Bulk Facilities Database
MN COAL ASH Coal Ash Disposal Site Listing
MN DRYCLEANERS Registered Drycleaning Facilities
MN HWS Permit Active TSD Facilities
MN LEAD LEAD
MN MDA LIS Licensing Information System Database Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MN RGA HWS Recovered Government Archive State Hazardous Waste Facilities List

EXECUTIVE SUMMARY

MN RGA LF---------- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/17/2018 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STATE STREET DUMP Site ID: 0506268 EPA Id: MND985678994	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***1364***

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are

8 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONARCH WOOD PRODUCT EPA ID:: MNR000061168	***292 CHESTER ST***	***SSW 0 - 1/8 (0.107 mi.)***	***C23***	***133***
FEDERAL EXPRESS CORP EPA ID:: MND985738780	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C31	187
VERSACOLD USA INC EPA ID:: MN0000065128	240 CHESTER ST	WNW 0 - 1/8 (0.123 mi.)	E37	261
MINUTEMAN PRESS - CH EPA ID:: MNR000034140	322 CHESTER ST	SSW 1/8 - 1/4 (0.143 mi.)	D46	307
JASPER ENGINES & TRA EPA ID:: MND980896435	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J75	394
GRAINGER EPA ID:: MNR000052589	345 E PLATO BLVD STE	WNW 1/8 - 1/4 (0.207 mi.)	L97	482
BROWN AND BIGELOW EPA ID:: MND000826214	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
VOMELA SPECIALTIES R EPA ID:: MNS000104380	***444 FILLMORE AVE E***	***NW 1/8 - 1/4 (0.245 mi.)***	***P107***	***578***

State- and tribal - equivalent CERCLIS

MN SHWS: The Superfund Site Information Listing records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Minnesota Pollution Control's Superfund Permanent List of Priorities.

A review of the MN SHWS list, as provided by EDR, and dated 06/01/2018 has revealed that there are 3 MN SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMDURA Facility Id: SR94	***68 S ROBERT ST***	***WNW 1/2 - 1 (0.780 mi.)***	***230***	***1885***
HAAS PROPERTIES Facility Id: SR1436	***160 S WABASHA ST***	***W 1/2 - 1 (0.884 mi.)***	***232***	***1893***
43 EAST WATER STREET Facility Id: SR338	***43 E WATER ST***	***W 1/2 - 1 (0.943 mi.)***	***233***	***1897***

State and tribal landfill and/or solid waste disposal site lists

MN SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Minnesota Pollution Control's Permitted Solid Waste Disposal Facilities list.

A review of the MN SWF/LF list, as provided by EDR, and dated 08/02/2018 has revealed that there is 1

MN SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF MINNES	***HARRIET ISLAND RD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH190***	***1583***

MN UNPERM LF: These are facilities that have solid waste disposal yet are not permitted.

A review of the MN UNPERM LF list, as provided by EDR, and dated 08/02/2018 has revealed that there is 1 MN UNPERM LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF MINNES	***HARRIET ISLAND RD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH190***	***1583***

State and tribal leaking storage tank lists

MN LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Minnesota Pollution Control Agency's Leak Sites list.

A review of the MN LUST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 22 MN LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLMAN FIELD Closed Date: 8/7/1996 Site Id: LS0009175	***DOWTOWN SAINT PAUL A***	***0 - 1/8 (0.000 mi.)***	***A17***	***110***
ISD 625 TRANSPORTATI Closed Date: 11/3/1998 Closed Date: 1/23/2013 Site Id: LS0011333 Site Id: LS0019015	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***151***
BELL COLD STORAGE Closed Date: 5/18/1995 Site Id: LS0008219	***250 CHESTER ST***	***W 0 - 1/8 (0.118 mi.)***	***35***	***191***
SAINT PAUL DOWNTOWN Closed Date: 10/11/1993 Site Id: LS0004370	***BAYFIELD ST***	***NNW 1/8 - 1/4 (0.170 mi.)***	***63***	***359***
EXECUTIVE IFT INC Closed Date: 12/30/1994 Site Id: LS0005572	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***497***
BROWN AND BIGELOW Closed Date: 5/17/2001 Closed Date: 8/1/1996 Site Id: LS0010760 Site Id: LS0003631	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
DALLAS AIRMOTIVE INC Closed Date: 3/3/2006 Site Id: LS0016239	***330 BRAVO LN***	***S 1/4 - 1/2 (0.317 mi.)***	***Y141***	***774***
FORMER GAS STATION	***175 W LAFAYETTE RD***	***W 1/4 - 1/2 (0.338 mi.)***	***145***	***893***

Closed Date: 11/2/1999
Site Id: LS0012409

M A C/HOLMAN FIELD	***645 BAYFIELD ST***	***ENE 1/4 - 1/2 (0.347 mi.)***	***147***	***910***

Closed Date: 10/17/1994
Closed Date: 11/23/1992
Site Id: LS0000935
Site Id: LS0004458

MINNESOTA JET INC	***410 BRAVO LN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y151***	***982***

Closed Date: 4/29/1999
Site Id: LS0012499

SEMPLE RECYCLING & C	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE163***	***1231***

Closed Date: 10/22/1990
Site Id: LS0003798

ASSET RECOVERY CORP	***150 STATE ST***	***WNW 1/4 - 1/2 (0.444 mi.)***	***AL199***	***1643***

Closed Date: 10/12/1994
Site Id: LS0002921

NSP	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***1810***

Closed Date: 7/29/2014
Closed Date: 12/18/1992
Site Id: LS0019522
Site Id: LS0003741

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***711***

Closed Date: 12/11/2015
Site Id: LS0019707

HOLMAN FIELD	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***1395***

Closed Date: 12/30/2003
Site Id: LS0015237

ST. PAUL AIRPORT HOL	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***1503***

Closed Date: 4/1/2005
Site Id: LS0015194

USPS VEHICLE MAINTEN	***314 EVA ST***	***WSW 1/4 - 1/2 (0.451 mi.)***	***AM201***	***1650***

Site Id: LS0020733

U.S. POSTAL SERVICE	***285 S EVA ST***	***WSW 1/4 - 1/2 (0.471 mi.)***	***AM211***	***1737***

Closed Date: 10/13/1992
Site Id: LS0004482

FORMER BULK FACILITY	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***1745***

Closed Date: 6/8/2011
Site Id: LS0018399

WINGS INC (ST PAUL D	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***1758***

Closed Date: 11/3/1997
Site Id: LS0006985

3M AVIATION	***690 BAYFIELD ST***	***E 1/4 - 1/2 (0.491 mi.)***	***AS223***	***1772***

Closed Date: 3/30/1992
Site Id: LS0004502

REGENT AVIATION	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***1792***

Closed Date: 10/17/1994
Site Id: LS0001542

MN LAST: A listing of leaking aboveground storage tanks.

A review of the MN LAST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 4 MN LAST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EXECUTIVE IFT INC Closed Date: 12/30/1994 Site Id: LS0005572	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***497***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER PIONEER PRESS Closed Date: 12/11/2015 Site Id: LS0019707	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***711***
ST. PAUL AIRPORT HOL Closed Date: 4/1/2005 Site Id: LS0015194	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***1503***
REGENT AVIATION Closed Date: 10/17/1994 Site Id: LS0001542	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***1792***

State and tribal registered storage tank lists

MN UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Minnesota Pollution Control's Underground Storage Tank File.

A review of the MN UST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 3 MN UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ISD 625 TRANSPORTATI	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C29	172
EXECUTIVE IFT INC	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***497***
528 PARTNERSHIP LLP	345 PLATO BLVD E	W 1/8 - 1/4 (0.220 mi.)	L103	559

MN AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Minnesota Pollution Control's Aboveground Storage Tank File.

A review of the MN AST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 2 MN AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MN DOA TRAVEL MANAGE Tank Status: Active	296 CHESTER ST	SSW 0 - 1/8 (0.110 mi.)	D27	150
EXECUTIVE IFT INC Tank Status: Active	590 BAYFIELD ST	NE 1/8 - 1/4 (0.213 mi.)	N98	484

State and tribal institutional control / engineering control registries

MN INST CONTROL: Sites that have an Institutional Control event.

A review of the MN INST CONTROL list, as provided by EDR, and dated 08/24/2018 has revealed that there are 6 MN INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIDDER CIRCLE PROPER Site ID: 188650	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G57***	***351***
RIVERVIEW IND'L. PAR Site ID: 200693	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U131***	***687***
STATE STREET VACANT Site ID: 189175	***STATE ST***	***W 1/4 - 1/2 (0.401 mi.)***	***AC172***	***1382***

Lower Elevation	Address	Direction / Distance	Map ID	Page
295 STATE STREET Site ID: 186607	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***1058***
HOLMAN FIELD Site ID: 185643	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***1395***
MOLEX INC. COPPER FL Site ID: 2099	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***1441***

State and tribal voluntary cleanup sites

MN VIC: This is the Minnesota Pollution Control Agency's Voluntary Investigation and Cleanup Program list.

A review of the MN VIC list, as provided by EDR, and dated 08/24/2018 has revealed that there are 38 MN VIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST. PAUL FC PROJECT Facility Id: VP2980 Facility Id: VP2981	***FLOOD FRINGE-NEAR HO***	***NW 0 - 1/8 (0.070 mi.)***	***B19***	***113***
ISD 625 TRANSPORTATI Facility Id: VP5923	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***151***
BELL COLD STORAGE PT Facility Id: VP5400 Facility Id: VP5401	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***265***
RIVERVIEW INDUSTRIAL Facility Id: VP9840 Facility Id: VP7540	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G55***	***325***
RIVERVIEW BUSINESS P Facility Id: VP4351	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J69	366
RIVERVIEW BUSINESS P Facility Id: VP4350	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J74***	***381***
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J77***	***398***

Facility Id: VP4352				
RIVERVIEW BUSINESS C Facility Id: BF0000682	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J84	415
EATON STREET PROPERT Facility Id: VP5922	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H87***	***417***
STATE STREET DUMP Facility Id: VP5920	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H89	438
BROWN AND BIGELOW Facility Id: VP6820 Facility Id: VP6821 Facility Id: VP6822	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
MNDOT LAFAYETTE BRID Facility Id: VP25830	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P112***	***590***
LAFAYETTE CENTER Facility Id: VP32650	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***614***
COLLINS COMMUNICATIO Facility Id: VP10160	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***625***
VACANT BUILDING Facility Id: VP9260 Facility Id: VP9261	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***640***
LAFAYETTE CENTER Facility Id: BF0000604	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***668***
RIVERVIEW INDUSTRIAL Facility Id: VP12630	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U133***	***689***
245 LAFAYETTE OFFICE Facility Id: VP21510 Facility Id: BF0000597	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***748***
SCANLAN INTERNATIONA Facility Id: VP16980	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U139***	***762***
RIVERVIEW INDUSTRIAL Facility Id: VP12320 Facility Id: VP12321	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.353 mi.)***	***148***	***924***
REGENT AVIATION Facility Id: VP14100	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.355 mi.)***	***Y150***	***971***
VIKING DRILL & TOOL Facility Id: VP26600 Facility Id: BF0000554	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***987***
VIKING DRILL AND TOO Facility Id: VP5921	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB153***	***1044***
240 PLATO Facility Id: VP18330 Facility Id: BF0000515	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***1070***
MINI STORAGE Facility Id: VP4890 Facility Id: VP4891	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***1319***
RIVERVIEW IND. PARK Facility Id: VP14520	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.388 mi.)***	***AD166***	***1341***
GREENTREE HANGAR	***HOLMAN FIELD NEAR EA***	***SSE 1/4 - 1/2 (0.390 mi.)***	***AF167***	***1353***

Facility Id: VP7020				
STATE STREET DUMP	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***1364***
Facility Id: VP15270				
GREENTREE HANGAR #2	***HOLMAN FIELD NEAR EA***	***S 1/4 - 1/2 (0.418 mi.)***	***AG179***	***1427***
Facility Id: VP7021				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHPORT ADDITION	***SEE LOCATION DESCRIP***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M96***	***466***
Facility Id: VP9841				
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***711***
Facility Id: VP32220				
Facility Id: VP32221				
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***SSW 1/4 - 1/2 (0.319 mi.)***	***W143***	***782***
Facility Id: VP13770				
295 STATE STREET	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***1058***
Facility Id: VP30400				
HOLMAN FIELD	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***1395***
Facility Id: VP19810				
MOLEX INC. COPPER FL	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***1441***
Facility Id: VP21120				
Facility Id: VP21121				
Facility Id: VP21122				
UNITED HEALTHCARE HA	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***1548***
Facility Id: VP6940				
FILLMORE REDEVELOPME	***FILLMORE, FAIRFIELD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH195***	***1589***
Facility Id: VP33230				
UNITED POSTAL SERVIC	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***1723***
Facility Id: VP3610				

State and tribal Brownfields sites

MN BROWNFIELDS: Purchasing, selling, or developing property can present a special set of obstacles if the property is contaminated with chemicals. The Petroleum Brownfields Program is one of several programs within the Minnesota Pollution Control Agency (MPCA) designed to help people address these obstacles. The purpose of the Petroleum Brownfields Program is to provide the technical assistance and liability assurance needed to expedite and facilitate the development, transfer, investigation and/or cleanup of property that is contaminated with petroleum.

A review of the MN BROWNFIELDS list, as provided by EDR, and dated 08/24/2018 has revealed that there are 42 MN BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	NW 0 - 1/8 (0.070 mi.)	B18	113
ISD 625 TRANSPORTATI	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***151***
BELL COLD STORAGE	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E38***	***263***
BELL COLD STORAGE PT	236-260 CHESTER ST	WNW 1/8 - 1/4 (0.127 mi.)	E40	288
RIDDER CIRCLE PROPER	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G57***	***351***
ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	WSW 1/8 - 1/4 (0.169 mi.)	H62	358
RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J68	366

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J71	376
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J76***	***396***
STATE STREET DUMP	***SEE LOCATION DESCRIP***	***SW 1/8 - 1/4 (0.185 mi.)***	***J81***	***412***
RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J82	413
EATON STREET PROPERT	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H85***	***415***
CHESTER STREET FEDEX	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H86	417
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
MNDOT LAFAYETTE BRID	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P113***	***610***
LAFAYETTE CENTER	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***614***
COLLINS COMMUNICATIO	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***625***
VACANT BUILDING	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***640***
LAFAYETTE CENTER	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***668***
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U134***	***708***
245 LAFAYETTE OFFICE	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***748***
SCANLAN INTERNATIONA	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U140***	***773***
VIKING DRILL & TOOL	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***987***
240 PLATO	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***1070***
VIKING DRILL AND TOO	SEE LOCATION DESCRIP	SW 1/4 - 1/2 (0.370 mi.)	AB157	1183
MINI STORAGE	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***1319***
GREENTREE HANGAR	HOLMAN FIELD NEAR EA	SSE 1/4 - 1/2 (0.390 mi.)	AF169	1362
STATE STREET VACANT	***STATE ST***	***W 1/4 - 1/2 (0.401 mi.)***	***AC172***	***1382***
GREENTREE HANGAR #2	HOLMAN FIELD NEAR EA	S 1/4 - 1/2 (0.419 mi.)	AG181	1440
FILLMORE REDEVELOPME	***FILLMORE, FAIRFIELD***	***SW 1/4 - 1/2 (0.441 mi.)***	***AJ189***	***1581***
REGENT AVIATION	***SEE LOCATION DESCRIP***	***SSE 1/4 - 1/2 (0.455 mi.)***	***AO205***	***1720***
NSP	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***1810***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHPORT ADDITION	SEE LOCATION DESCRIP	NNE 1/8 - 1/4 (0.206 mi.)	M94	462
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.291 mi.)***	***V127***	***683***
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***711***
295 STATE STREET	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***1058***
RIVERVIEW IND. PARK	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.372 mi.)***	***AD159***	***1199***
HOLMAN FIELD	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***1395***
MOLEX INC. COPPER FL	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***1441***
UNITED HEALTHCARE HA	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***1548***
30 PLATO BOULEVARD E	30 E PLATO	WSW 1/4 - 1/2 (0.442 mi.)	AH192	1586
UNITED POSTAL SERVIC	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***1723***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/18/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HMONG AMERICAN FUNER	***NE OF EATON ST AND W***	***SSW 1/4 - 1/2 (0.373 mi.)***	***161***	***1201***

ACRES property ID: 15857

Local Lists of Hazardous waste / Contaminated Sites

MN SRS: The database contains site information for sites monitored by the Site Remediation Section.

A review of the MN SRS list, as provided by EDR, and dated 08/24/2018 has revealed that there are 69 MN SRS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLMAN FIELD Facility Id: LS0009175	***DOWTOWN SAINT PAUL A***	***0 - 1/8 (0.000 mi.)***	***A17***	***110***
ST. PAUL FC PROJECT Facility Id: VP2980 Facility Id: VP2981	***FLOOD FRINGE-NEAR HO***	***NW 0 - 1/8 (0.070 mi.)***	***B19***	***113***
FED EX Facility Id: PB4708	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C32	189
FEDEX ST. PAUL FACIL Facility Id: LS0019015	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C33	190
FEDERAL EXPRESS Facility Id: LS0011333	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C34	190
BELL COLD STORAGE Facility Id: LS0008219	***250 CHESTER ST***	***W 0 - 1/8 (0.118 mi.)***	***35***	***191***
BELL COLD STORAGE PT Facility Id: VP5400 Facility Id: VP5401	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***265***
RIVERVIEW INDUSTRIAL Facility Id: VP9840 Facility Id: VP7540	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G55***	***325***
STATE STREET DUMP Facility Id: SA0008440	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.169 mi.)	H61	357
SAINT PAUL DOWNTOWN Facility Id: LS0004370	***BAYFIELD ST***	***NNW 1/8 - 1/4 (0.170 mi.)***	***63***	***359***
RIVERVIEW BUSINESS P Facility Id: VP4351	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J70	371
RIVERVIEW BUSINESS P Facility Id: VP4350	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J74***	***381***
RIVERVIEW BUSINESS P Facility Id: VP4352	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J77***	***398***
RIVERVIEW BUSINESS P Facility Id: PB4793	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J80	411
RIVERVIEW BUSINESS C Facility Id: BF0000682	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J83	414
EATON STREET PROPERT Facility Id: VP5922	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H87***	***417***
STATE STREET DUMP	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H88	430

Facility Id: VP5920				
EXECUTIVE IFT INC	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***497***
Facility Id: LS0005572				
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
Facility Id: VP6820				
Facility Id: VP6821				
Facility Id: VP6822				
Facility Id: LS0010760				
Facility Id: LS0003631				
MNDOT LAFAYETTE BRID	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P112***	***590***
Facility Id: VP25830				
LAFAYETTE CENTER	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***614***
Facility Id: VP32650				
COLLINS COMMUNICATIO	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***625***
Facility Id: VP10160				
VACANT BUILDING	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***640***
Facility Id: VP9260				
Facility Id: VP9261				
LAFAYETTE CENTER	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***668***
Facility Id: BF0000604				
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U133***	***689***
Facility Id: VP12630				
245 LAFAYETTE OFFICE	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***748***
Facility Id: VP21510				
NATIONAL OIL BARCOM	245 LAFAYETTE FRONTA	W 1/4 - 1/2 (0.312 mi.)	X138	761
Facility Id: BF0000597				
SCANLAN INTERNATIONA	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U139***	***762***
Facility Id: VP16980				
DALLAS AIRMOTIVE INC	***330 BRAVO LN***	***S 1/4 - 1/2 (0.317 mi.)***	***Y141***	***774***
Facility Id: LS0016239				
FORMER GAS STATION	***175 W LAFAYETTE RD***	***W 1/4 - 1/2 (0.338 mi.)***	***145***	***893***
Facility Id: LS0012409				
M A C/HOLMAN FIELD	***645 BAYFIELD ST***	***ENE 1/4 - 1/2 (0.347 mi.)***	***147***	***910***
Facility Id: LS0004458				
Facility Id: LS0000935				
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.353 mi.)***	***148***	***924***
Facility Id: VP12320				
Facility Id: VP12321				
REGENT AVIATION	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.355 mi.)***	***Y150***	***971***
Facility Id: VP14100				
MINNESOTA JET INC	***410 BRAVO LN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y151***	***982***
Facility Id: LS0012499				
VIKING DRILL & TOOL	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***987***
Facility Id: BF0000554				
Facility Id: VP26600				
VIKING DRILL AND TOO	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB153***	***1044***
Facility Id: VP5921				
240 PLATO	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***1070***

Facility Id: VP18330 Facility Id: BF0000515				
DAKOTA BARGE Facility Id: LS0003798	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE162***	***1229***
MINI STORAGE Facility Id: VP4890 Facility Id: VP4891	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***1319***
RIVERVIEW IND. PARK Facility Id: VP14520	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.388 mi.)***	***AD166***	***1341***
GREENTREE HANGAR Facility Id: VP7020	***HOLMAN FIELD NEAR EA***	***SSE 1/4 - 1/2 (0.390 mi.)***	***AF167***	***1353***
STATE STREET DUMP Facility Id: VP15270	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***1364***
GREENTREE HANGAR #2 Facility Id: VP7021	***HOLMAN FIELD NEAR EA***	***S 1/4 - 1/2 (0.418 mi.)***	***AG179***	***1427***
ASSET RECOVERY CORP Facility Id: LS0002921	***150 STATE ST***	***WNW 1/4 - 1/2 (0.444 mi.)***	***AL199***	***1643***
NSP Facility Id: LS0019522 Facility Id: LS0003741 Facility Id: PB4621	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***1810***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHPORT ADDITION Facility Id: VP9841	***SEE LOCATION DESCRIP***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M96***	***466***
REMACKEL SALVAGE SIT Facility Id: MND981952112	***SEE LOCATION DESCRIP***	***NNE 1/4 - 1/2 (0.280 mi.)***	***T122***	***666***
PORT AUTHORITY ASH S Facility Id: SA0008349	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.293 mi.)***	***V128***	***684***
FORMER PIONEER PRESS Facility Id: VP32220 Facility Id: VP32221 Facility Id: LS0019707 Facility Id: PB4847	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***711***
RIVERVIEW INDUSTRIAL Facility Id: VP13770	***SEE LOCATION DESCRIP***	***SSW 1/4 - 1/2 (0.319 mi.)***	***W143***	***782***
295 STATE STREET Facility Id: VP30400	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***1058***
HOLMAN FIELD Facility Id: VP19810 Facility Id: LS0015237	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***1395***
MOLEX INC. COPPER FL Facility Id: VP21120 Facility Id: VP21121 Facility Id: VP21122	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***1441***
ST. PAUL AIRPORT HOL Facility Id: LS0015194	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***1503***
UNITED HEALTHCARE HA	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***1548***

Facility Id: VP6940				
STATE STREET DUMP, F Facility Id: SA0004192	SEE LOCATION DESCRIP	WSW 1/4 - 1/2 (0.442 mi.)	AH194	1588
FILLMORE REDEVELOPME Facility Id: VP33230	***FILLMORE, FAIRFIELD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH195***	***1589***
FILLMORE REDEVELOPME Facility Id: PB4887	FILLMORE, FAIRFIELD	WSW 1/4 - 1/2 (0.442 mi.)	AH196	1597
USPS VEHICLE MAINTEN Facility Id: LS0020733	***314 EVA ST***	***WSW 1/4 - 1/2 (0.451 mi.)***	***AM201***	***1650***
UNITED POSTAL SERVIC Facility Id: VP3610	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***1723***
U.S. POSTAL SERVICE Facility Id: LS0004482	***285 S EVA ST***	***WSW 1/4 - 1/2 (0.471 mi.)***	***AM211***	***1737***
ST. PAUL AIRPORT HOL Facility Id: LS0020402	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ212	1742
ST. PAUL DOWNTOWN AI Facility Id: SA0002096	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ213	1742
ST. PAUL DOWNTOWN AI Facility Id: LS0014053	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ214	1743
RC AVIONICS Facility Id: LS0014054	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ215	1744
FORMER BULK FACILITY Facility Id: LS0018399	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***1745***
WINGS INC (ST PAUL D Facility Id: LS0006985	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***1758***
3M AVIATION Facility Id: LS0004502	***690 BAYFIELD ST***	***E 1/4 - 1/2 (0.491 mi.)***	***AS223***	***1772***
REGENT AVIATION Facility Id: LS0001542	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***1792***

MN DEL PLP: This generally means that either no more cleanup at a site is needed or that no state superfund funding is needed for long term monitoring activities.

A review of the MN DEL PLP list, as provided by EDR, and dated 08/24/2018 has revealed that there are 2 MN DEL PLP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMDURA Facility Id: 201519	***68 S ROBERT ST***	***WNW 1/2 - 1 (0.780 mi.)***	***230***	***1885***
43 EAST WATER STREET Facility Id: 194957	***43 E WATER ST***	***W 1/2 - 1 (0.943 mi.)***	***233***	***1897***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 12 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONARCH WOOD PRODUCT EPA ID:: MND985712199	276 CHESTER ST	SSW 0 - 1/8 (0.090 mi.)	C21	130
MN DOA TRAVEL MANAGE EPA ID:: MNR000043265	296 CHESTER ST	SSW 0 - 1/8 (0.110 mi.)	D25	145
SEALED AIR CORP EPA ID:: MND087673935	***310 CHESTER ST***	***SSW 1/8 - 1/4 (0.133 mi.)***	***D42***	***290***
FEDERAL EXPRESS CORP EPA ID:: MND985666890	***216 CHESTER ST***	***WNW 1/8 - 1/4 (0.136 mi.)***	***E44***	***302***
NEW TECH INDUSTRIAL EPA ID:: MND985770809	***324 CHESTER ST***	***SSW 1/8 - 1/4 (0.143 mi.)***	***D48***	***312***
CRITCIAL CARE SVCS D EPA ID:: MND985770452	***336 CHESTER ST B***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F51***	***317***
RIVERVIEW BUSINESS P EPA ID:: MNR000032664	***336 CHESTER ST/UNIT***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F52***	***319***
AIR METHODS CORP EPA ID:: MND981790124	***336 CHESTER ST***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F53***	***321***
WILBRECHT ELECTRONIC EPA ID:: MND982213548	***346 CHESTER ST***	***SSW 1/8 - 1/4 (0.160 mi.)***	***F60***	***355***
SPRC PACKAGING FIRST EPA ID:: MN0000066209	341 CHESTER ST	SSW 1/8 - 1/4 (0.180 mi.)	F64	361
EXECUTIVE IFT INC EPA ID:: MND063575443	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N99***	***485***
DIGIT IMAGING CENTER EPA ID:: MND006194492	284 LAFAYETTE FRONTA	SSW 1/8 - 1/4 (0.237 mi.)	O104	563

MN MANIFEST: Hazardous waste manifest data.

A review of the MN MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there are 11 MN MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MN DOA TRAVEL MANAGE	296 CHESTER ST	SSW 0 - 1/8 (0.110 mi.)	D24	136
ISD 625 TRANSPORTATI	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C30	173
SEALED AIR CORP	310 CHESTER ST	SSW 1/8 - 1/4 (0.133 mi.)	D41	289
FEDERAL EXPRESS CORP	216 CHESTER ST	WNW 1/8 - 1/4 (0.136 mi.)	E43	293
MINUTEMAN PRESS - CH	322 CHESTER ST	SSW 1/8 - 1/4 (0.143 mi.)	D47	309
AIR METHODS CORP	336 CHESTER ST	SSW 1/8 - 1/4 (0.154 mi.)	F50	316
WILBRECHT ELECTRICS	346 CHESTER ST	SSW 1/8 - 1/4 (0.160 mi.)	F58	353

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JASPER ENGINES & TRA	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J78	408
C & G OFFICE PRODUCT	272 E LAFAYETTE RD	SSW 1/8 - 1/4 (0.202 mi.)	K91	445
528 PARTNERSHIP LLP	***345 E PLATO BLVD***	***WNW 1/8 - 1/4 (0.204 mi.)***	***L93***	***448***
VOMELA SPECIALTIES R	444 FILLMORE AVE E	NW 1/8 - 1/4 (0.245 mi.)	P106	565

WI MANIFEST: Hazardous waste manifest information.

A review of the WI MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 WI MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
ACT Status: A				
FID: 999509390				
EPA ID: MND000826214				

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 07/01/2018 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MICRO MEDICS INCORPO	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J79	409
EPA ID: MND980896435				

MN LS: The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), Sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory,1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP). The List of Sites comes from Minnesota Pollution Control

A review of the MN LS list, as provided by EDR, and dated 04/22/2009 has revealed that there are 25 MN LS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST. PAUL FC PROJECT	***FLOOD FRINGE-NEAR HO***	***NW 0 - 1/8 (0.070 mi.)***	***B19***	***113***
MPCA Id: VP2981				
Link ID: 3434				
BELL COLD STORAGE PT	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***265***
MPCA Id: VP5401				
Link ID: 4316				
RIDDER CIRCLE PROPER	SEE LOCATION DESCRIP	N 1/8 - 1/4 (0.157 mi.)	G56	351
MPCA Id: VP9841				
Link ID: 4909				
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J72***	***377***

MPCA Id: VP4351 Link ID: 4366				
STATE STREET DUMP MPCA Id: VP5922 Link ID: 836	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H90	445
BROWN AND BIGELOW MPCA Id: VP6822 Link ID: 4321	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
COLLINS COMMUNICATIO MPCA Id: VP10160 Link ID: 4949	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***625***
VACANT BUILDING MPCA Id: VP9261 Link ID: 4822	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***640***
RIVERVIEW IND'L. PAR MPCA Id: VP12630 Link ID: 5230	SEE LOCATION DESCRIP	SW 1/4 - 1/2 (0.297 mi.)	U132	689
RIVERVIEW INDUSTRIAL MPCA Id: VP13770 Link ID: 5389	SEE LOCATION DESCRIP	SSW 1/4 - 1/2 (0.312 mi.)	W136	747
245 LAFAYETTE OFFICE MPCA Id: VP21510 Link ID: 6495	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***748***
SCANLAN INTERNATIONA MPCA Id: VP16980 Link ID: 5785	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U139***	***762***
240 PLATO MPCA Id: VP18330 Link ID: 6058	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***1070***
MINI STORAGE MPCA Id: VP4891 Link ID: 4041	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***1319***
GREEN TREE HANGAR MPCA Id: VP7021 Link ID: 4216	HOLMAN FIELD NEAR EA	SSE 1/4 - 1/2 (0.390 mi.)	AF168	1362
STATE STREET DUMP MPCA Id: VP15270 Link ID: 5599	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***1364***
REGENT AVIATION MPCA Id: VP14100 Link ID: 5443	SEE LOCATION DESCRIP	SSE 1/4 - 1/2 (0.455 mi.)	AO206	1722

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
REMACKEL SALVAGE SIT MPCA Id: MND981952112 Link ID: 382	SEE LOCATION DESCRIP	NNE 1/4 - 1/2 (0.280 mi.)	T123	667
PORT AUTHORITY ASH S Link ID: 834	SEE LOCATION DESCRIP	N 1/4 - 1/2 (0.293 mi.)	V129	686
RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	N 1/4 - 1/2 (0.296 mi.)	V130	687

MPCA Id: VP7540 Link ID: 4402				
RIVERVIEW IND. PARK MPCA Id: VP14520 Link ID: 5499	SEE LOCATION DESCRIP	SW 1/4 - 1/2 (0.372 mi.)	AD160	1200
335 ALPHA LANE MPCA Id: VP19810 Link ID: 6284	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG177***	***1393***
MOLEX COPPER FLEX PR MPCA Id: VP21120 Link ID: 6505	155 EATON ST	SW 1/4 - 1/2 (0.429 mi.)	AH182	1441
UNITED HEALTHCARE HA MPCA Id: VP6940 Link ID: 4179	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***1548***
UNITED POSTAL SERVIC MPCA Id: VP3610 Link ID: 3422	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***1723***

MN VAPOR: A listing of sites with potential or identified vapor risk. Vapor intrusion occurs when chemical vapors migrate from a source of contamination through the soil into the basements or foundations of buildings. These chemical vapors can sometimes pose risks to human health.

A review of the MN VAPOR list, as provided by EDR, and dated 09/07/2018 has revealed that there are 13 MN VAPOR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BELL COLD STORAGE PT	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***265***
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G55***	***325***
EATON STREET PROPERT	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H87***	***417***
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
COLLINS COMMUNICATIO	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***625***
LAFAYETTE CENTER	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***668***
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.353 mi.)***	***148***	***924***
VIKING DRILL & TOOL	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***987***
240 PLATO	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***1070***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHPORT ADDITION	***SEE LOCATION DESCRIP***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M96***	***466***
PORT AUTHORITY ASH S	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.293 mi.)***	***V128***	***684***
FORMER BULK FACILITY	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***1745***
WINGS INC (ST PAUL D	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***1758***

MN WIMN: Since 2003, the PCA's "What's in My Neighborhood?" database provides information about air quality, hazardous waste, remediation, solid waste, tanks and leaks, and water quality around Minnesota.

A review of the MN WIMN list, as provided by EDR, and dated 07/07/2018 has revealed that there are 120 MN WIMN sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLMAN FIELD	***DOWTOWN SAINT PAUL A***	***0 - 1/8 (0.000 mi.)***	***A17***	***110***

Status: Y				
ST. PAUL FC PROJECT Status: Y	FLOOD FRINGE-NEAR HO	NW 0 - 1/8 (0.070 mi.)	B20	129
MONARACH WOOD PRODUC Status: Y	276 CHESTER ST	SSW 0 - 1/8 (0.090 mi.)	C22	132
MONARCH WOOD PRODUCT Status: Y	***292 CHESTER ST***	***SSW 0 - 1/8 (0.107 mi.)***	***C23***	***133***
MN DOA TRAVEL MANAGE Status: N	***296 CHESTER ST***	***SSW 0 - 1/8 (0.110 mi.)***	***D26***	***146***
ISD 625 TRANSPORTATI Status: Y	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***151***
BELL COLD STORAGE Status: Y	***250 CHESTER ST***	***W 0 - 1/8 (0.118 mi.)***	***35***	***191***
ATLAS COLD STORAGE U Status: N Status: Y	***240 CHESTER ST***	***WNW 0 - 1/8 (0.123 mi.)***	***E36***	***196***
BELL COLD STORAGE Status: Y	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E38***	***263***
SEALED AIR CORP Status: N	***310 CHESTER ST***	***SSW 1/8 - 1/4 (0.133 mi.)***	***D42***	***290***
FEDERAL EXPRESS CORP Status: N	***216 CHESTER ST***	***WNW 1/8 - 1/4 (0.136 mi.)***	***E44***	***302***
MINUTEMAN PRESS - CH Status: N	***322 CHESTER ST***	***SSW 1/8 - 1/4 (0.143 mi.)***	***D45***	***304***
NEW TECH INDUSTRIAL Status: N	***324 CHESTER ST***	***SSW 1/8 - 1/4 (0.143 mi.)***	***D48***	***312***
BLDG REMOVAL SP6244- Status: N	ADDRESS UNKNOWN	NE 1/8 - 1/4 (0.151 mi.)	49	315
AIR METHODS CORP Status: N	***336 CHESTER ST***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F53***	***321***
DUCTS AND CLEATS Status: Y	334 CHESTER ST	SSW 1/8 - 1/4 (0.156 mi.)	F54	324
RIDDER CIRCLE PROPER Status: Y	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G57***	***351***
WILBRECHT ELECTRICS Status: N	346 CHESTER ST	SSW 1/8 - 1/4 (0.160 mi.)	F59	354
SAINT PAUL DOWNTOWN Status: Y	***BAYFIELD ST***	***NNW 1/8 - 1/4 (0.170 mi.)***	***63***	***359***
PACKAGING FIRST DIV Status: Y	341 CHESTER ST	SSW 1/8 - 1/4 (0.180 mi.)	F65	362
JASPER ENGINES & TRA Status: Y	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J73	380
RIVERVIEW BUSINESS P Status: Y	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J76***	***396***
STATE STREET DUMP Status: Y	***SEE LOCATION DESCRIP***	***SW 1/8 - 1/4 (0.185 mi.)***	***J81***	***412***
EATON STREET PROPERT	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H85***	***415***

Status: Y				
C & G OFFICE PRODUCT	***272 E LAFAYETTE RD***	***SSW 1/8 - 1/4 (0.202 mi.)***	***K92***	***446***
Status: N				
EXECUTIVE IFT INC	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***497***
Status: Y				
529 LIMITED PARTNERS	***345 PLATO BLVD E***	***W 1/8 - 1/4 (0.220 mi.)***	***L101***	***505***
Status: Y				
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***513***
Status: Y				
VALSPAR CONTRACTOR S	284 E LAFAYETTE RD	SSW 1/8 - 1/4 (0.237 mi.)	O105	564
Status: Y				
VOMELA SPECIALTIES R	***444 FILLMORE AVE E***	***NW 1/8 - 1/4 (0.245 mi.)***	***P107***	***578***
Status: Y				
SURGICAL TECHNOLOGIE	292 E LAFAYETTE FRON	SSW 1/4 - 1/2 (0.255 mi.)	O108	581
Status: N				
ADVANCE CORPADVANCE	287 S LAFAYETTE RD	WSW 1/4 - 1/2 (0.258 mi.)	Q109	582
Status: N				
ST PAUL FLIGHT CENTE	***270 AIRPORT RD***	***S 1/4 - 1/2 (0.260 mi.)***	***R110***	***583***
Status: N				
Status: Y				
AIR METHODS CORP	270 AIRPORT DR STE 1	S 1/4 - 1/2 (0.260 mi.)	R111	589
Status: N				
MNDOT LAFAYETTE BRID	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P113***	***610***
Status: Y				
GRAINGER INDUSTRIAL	***277 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.261 mi.)***	***Q114***	***611***
Status: N				
LAFAYETTE CENTER	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***614***
Status: Y				
COLLINS COMMUNICATIO	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***625***
Status: Y				
ST. PAUL FLIGHT CENT	***278 AIRPORT DR***	***S 1/4 - 1/2 (0.271 mi.)***	***R117***	***637***
Status: Y				
VACANT BUILDING	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***640***
Status: Y				
METRO DEAF SCHOOL	***265 W LAFAYETTE RD S***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S119***	***660***
Status: N				
ST PAUL FLIGHT CENTE	280 AIRPORT DR	S 1/4 - 1/2 (0.274 mi.)	R120	663
Status: N				
SAINT PAUL FLIGHT CE	280 AIRPORT INC	S 1/4 - 1/2 (0.274 mi.)	R121	665
Status: N				
LAFAYETTE CENTER	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***668***
Status: Y				
MINNESOTA LIFE	***285 FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U125***	***671***
Status: Y				
REGENT EQUIPMENT MAI	***290 AIRPORT DR***	***S 1/4 - 1/2 (0.287 mi.)***	***R126***	***680***
Status: N				
RIVERVIEW IND'L. PAR	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U131***	***687***

Status: Y				
RIVERVIEW INDUSTRIAL Status: Y	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U134***	***708***
245 LAFAYETTE OFFICE Status: Y	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***748***
SCANLAN INTERNATIONA Status: N	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U140***	***773***
DALLAS AIRMOTIVE INC Status: Y	***330 BRAVO LN***	***S 1/4 - 1/2 (0.317 mi.)***	***Y141***	***774***
3M ST. PAUL - OH & E Status: Y	***410 E FILLMORE AVE***	***NW 1/4 - 1/2 (0.333 mi.)***	***Z144***	***792***
FORMER GAS STATION Status: Y	***175 W LAFAYETTE RD***	***W 1/4 - 1/2 (0.338 mi.)***	***145***	***893***
COLLINS ELECTRICAL & Status: Y	***278 STATE ST***	***WSW 1/4 - 1/2 (0.340 mi.)***	***AA146***	***898***
M A C/HOLMAN FIELD Status: Y	***645 BAYFIELD ST***	***ENE 1/4 - 1/2 (0.347 mi.)***	***147***	***910***
XCEL ENERGY - AVIATI Status: Y	***410 BRAVO LN HOLMAN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y149***	***957***
MINNESOTA JET INC Status: Y	***410 BRAVO LN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y151***	***982***
VIKING DRILL & TOOL Status: Y	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***987***
240 PLATO Status: Y	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***1070***
AMERICRAFT CARTON IN Status: Y	***403 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.366 mi.)***	***Z156***	***1085***
AERO SYSTEMS ENGINEE Status: Y	***358 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.370 mi.)***	***158***	***1184***
DAKOTA BARGE Status: Y	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE162***	***1229***
SEMPLE RECYCLING & C Status: Y	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE163***	***1231***
THOELE PRINTING INC Status: N	***253 STATE ST STE A***	***WSW 1/4 - 1/2 (0.382 mi.)***	***164***	***1316***
MINI STORAGE Status: Y	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***1319***
GREEN TREE HANGAR Status: Y	HOLMAN FIELD NEAR EA	SSE 1/4 - 1/2 (0.390 mi.)	AF170	1363
STATE STREET VACANT Status: Y	***STATE ST***	***W 1/4 - 1/2 (0.401 mi.)***	***AC172***	***1382***
BALLISTIC RECOVERY S Status: N	***380 AIRPORT RD***	***S 1/4 - 1/2 (0.406 mi.)***	***AG173***	***1384***
RTC INC Status: N	***180 STATE ST***	***W 1/4 - 1/2 (0.413 mi.)***	***175***	***1388***
LIT MIDWAY LLT	141 S LAFAYETTE RD	WNW 1/4 - 1/2 (0.416 mi.)	176	1390

Status: Y
Status: N

CCI PILOT SERVICES I	***350 ALPHA LN***	***S 1/4 - 1/2 (0.418 mi.)***	***AG180***	***1437***
Status: N				
CNW TRANS	***206 EATON ST***	***SW 1/4 - 1/2 (0.430 mi.)***	***AJ185***	***1541***
Status: Y				
MNDOT AERONAUTICS BU	222 E PLATO BLVD	W 1/4 - 1/2 (0.436 mi.)	AK186	1547
Status: Y				
FILLMORE REDEVELOPME	***FILLMORE, FAIRFIELD***	***SW 1/4 - 1/2 (0.441 mi.)***	***AJ189***	***1581***
Status: Y				
TURSSO COMPANIES INC	***223 E PLATO BLVD***	***W 1/4 - 1/2 (0.443 mi.)***	***AK197***	***1598***
Status: Y				
PEOPLE SERVING PEOPL	***353 E FILLMORE AVE***	***NW 1/4 - 1/2 (0.443 mi.)***	***198***	***1641***
Status: N				
ASSET RECOVERY CORP	***150 STATE ST***	***WNW 1/4 - 1/2 (0.444 mi.)***	***AL199***	***1643***
Status: Y				
NOVA MEDICAL INC	150 EATON ST	SW 1/4 - 1/2 (0.452 mi.)	AH203	1704
Status: Y				
REGENT AVIATION	***SEE LOCATION DESCRIP***	***SSE 1/4 - 1/2 (0.455 mi.)***	***AO205***	***1720***
Status: Y				
AMERICAN DRIVE AXLE	145 STATE ST	W 1/4 - 1/2 (0.456 mi.)	AL207	1722
Status: N				
MNDOT PARCEL 5 DEMO	339 FILLMORE ST	NW 1/4 - 1/2 (0.459 mi.)	AP209	1733
Status: N				
RTC INC - ST PAUL	***343 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.463 mi.)***	***AP210***	***1735***
Status: N				
MODERNISTIC INDUSTRI	***139 STATE ST***	***WNW 1/4 - 1/2 (0.473 mi.)***	***AL217***	***1750***
Status: Y				
WALMAN OPTICAL CO IN	230 EVA ST	WSW 1/4 - 1/2 (0.475 mi.)	AR218	1753
Status: Y				
DWIGHT MANAGEMENT	***605 EATON ST***	***SSE 1/4 - 1/2 (0.477 mi.)***	***AN219***	***1754***
Status: N				
PHOENIX RESIDENCE IN	***135 E COLORADO ST***	***SW 1/4 - 1/2 (0.486 mi.)***	***221***	***1766***
Status: N				
SAINT PAUL FUNERAL H	199 PLATO BLVD E	W 1/4 - 1/2 (0.491 mi.)	224	1790
Status: Y				
NSP	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***1810***
Status: Y				
SOLANGE AUTO SERVICE	***291 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.499 mi.)***	***AP229***	***1878***
Status: N				
Status: Y				

Lower Elevation	Address	Direction / Distance	Map ID	Page
2014 PAVEMENT REHAB	ADDRESS UNKNOWN	SE 1/8 - 1/4 (0.180 mi.)	I66	363
Status: N				
2012 PAVEMENT REHABI	ADDRESS UNKNOWN	SE 1/8 - 1/4 (0.180 mi.)	I67	365

Status: N				
DOBOSZENSKI & SONS I	***9520 COUNTY RD 19***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M95***	***463***
Status: Y				
REMACKEL SALVAGE SIT	***SEE LOCATION DESCRIP***	***NNE 1/4 - 1/2 (0.280 mi.)***	***T122***	***666***
Status: Y				
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.291 mi.)***	***V127***	***683***
Status: Y				
PORT AUTHORITY ASH S	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.293 mi.)***	***V128***	***684***
Status: Y				
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***711***
Status: Y				
RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	SSW 1/4 - 1/2 (0.319 mi.)	W142	780
Status: Y				
295 STATE STREET	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***1058***
Status: Y				
RIVERVIEW IND. PARK	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.372 mi.)***	***AD159***	***1199***
Status: Y				
2011 PAVEMENT REHAB	ADDRESS UNKNOWN	SE 1/4 - 1/2 (0.411 mi.)	174	1387
Status: N				
HOLMAN FIELD	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***1395***
Status: Y				
Status: N				
MOLEX INC. COPPER FL	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***1441***
Status: Y				
ST. PAUL AIRPORT HOL	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***1503***
Status: Y				
UNITED HEALTHCARE HA	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***1548***
Status: Y				
Status: N				
MINNESOTA STATE PATR	***515 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI188***	***1561***
Status: Y				
UNIVERSITY OF MINNES	***HARRIET ISLAND RD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH190***	***1583***
Status: Y				
STATE AND CONCORD TO	SEE LOCATION DESCRIP	WSW 1/4 - 1/2 (0.442 mi.)	AH191	1585
Status: N				
ASSOCIATED MICROFILM	156 BREMER BLDG	WSW 1/4 - 1/2 (0.442 mi.)	AH193	1587
Status: N				
AIR NET SYSTEMS	***527 EATON ST***	***SSE 1/4 - 1/2 (0.444 mi.)***	***AI200***	***1647***
Status: N				
US POSTAL SERVICE VE	***314 EVA ST***	***WSW 1/4 - 1/2 (0.451 mi.)***	***AM202***	***1651***
Status: Y				
SIGNATURE FLIGHT SUP	***529 EATON ST***	***SSE 1/4 - 1/2 (0.453 mi.)***	***AN204***	***1705***
Status: Y				
UNITED POSTAL SERVIC	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***1723***
Status: Y				
U.S. POSTAL SERVICE	***285 S EVA ST***	***WSW 1/4 - 1/2 (0.471 mi.)***	***AM211***	***1737***
Status: Y				
FORMER BULK FACILITY	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***1745***

Status: N				
Status: Y				
WINGS INC (ST PAUL D	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***1758***
Status: N				
US ARMY RESERVE FLIG	680 BAYFIELD ST	E 1/4 - 1/2 (0.487 mi.)	AQ222	1771
Status: Y				
3M AVIATION	***690 BAYFIELD ST***	***E 1/4 - 1/2 (0.491 mi.)***	***AS223***	***1772***
Status: Y				
SANBORN AVIATION INC	700 BAYFIELD	E 1/4 - 1/2 (0.494 mi.)	AS225	1791
Status: N				
REGENT AVIATION	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***1792***
Status: Y				
Status: N				
WARNER ROAD PROPERTY	***600 WARNER RD***	***NNE 1/4 - 1/2 (0.496 mi.)***	***228***	***1872***
Status: N				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PINTSON COMPRESSING	257 COMMERCIAL STREE	N 1/2 - 1 (0.820 mi.)	231	1892
ST. PAUL GAS MFG SIT	OLIVE ST BTWN 4TH AN	NW 1/2 - 1 (0.993 mi.)	234	1903

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
BURLINGTON NORTHERN DAYTONS BLUFF	SEMS-ARCHIVE
HOLMAN FIELD	FINDS
HOLMAN FIELD	MN RGA LUST

OVERVIEW MAP - 5454377.2S

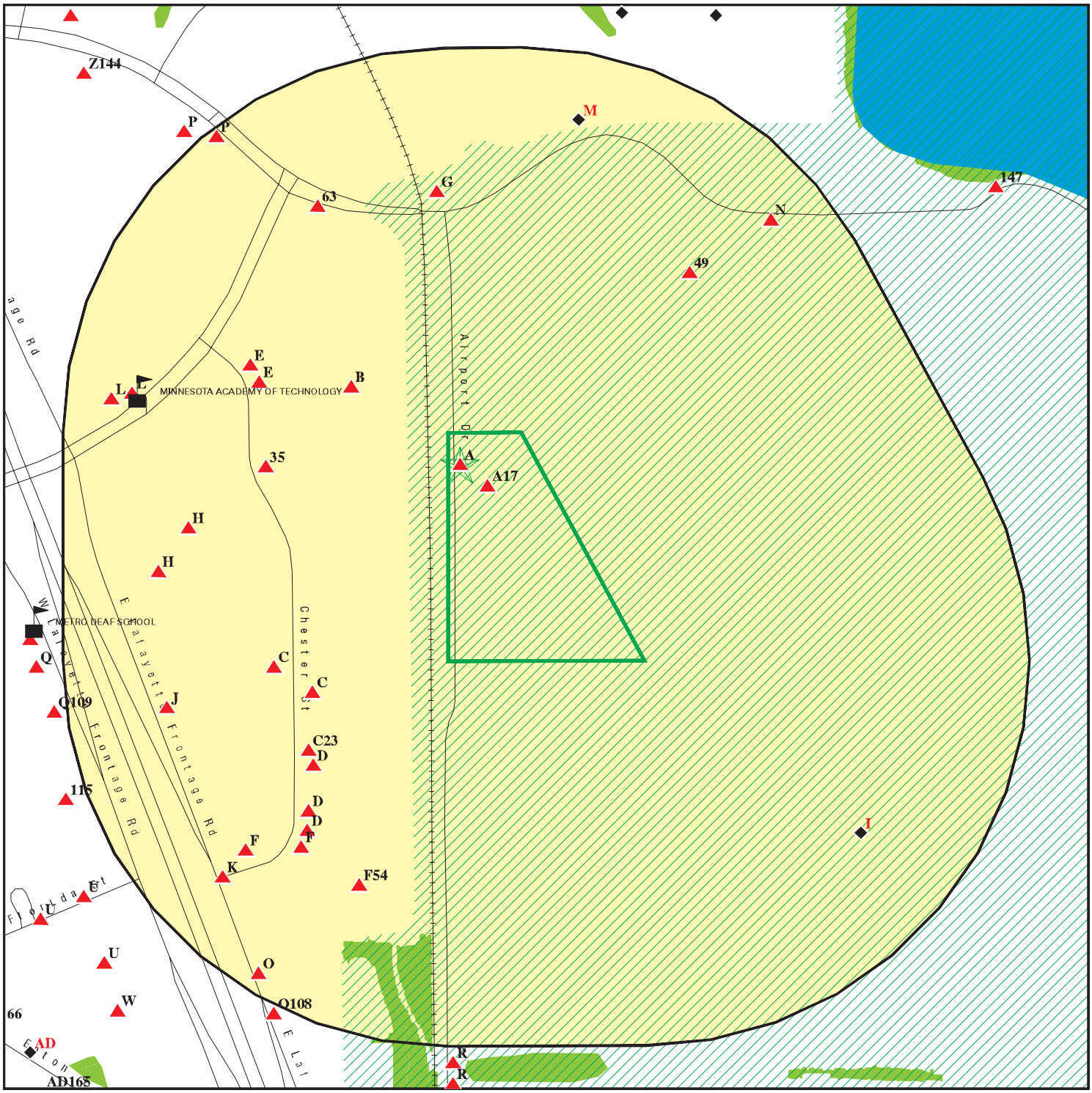
0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Upgradient Area

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Holman Field	CLIENT: AECOM
ADDRESS: 206 Airport Road Saint Paul MN 55107	CONTACT: Brittany Kirchmann
LAT/LONG: 44.939868 / 93.069707	INQUIRY #: 5454377.2s DATE: October 16, 2018 9:03 am

DETAIL MAP - 5454377.2S



0 1/16 1/8 1/4 Miles

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Holman Field	CLIENT: AECOM
ADDRESS: 206 Airport Road Saint Paul MN 55107	CONTACT: Brittany Kirchmann INQUIRY #: 5454377.2s
LAT/LONG: 44.939868 / 93.069707	DATE: October 16, 2018 9:07 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	3	5	NR	NR	NR	9
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
MN PLP	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
MN SHWS	1.000		0	0	0	3	NR	3
State and tribal landfill and/or solid waste disposal site lists								
MN SWF/LF	0.500		0	0	1	NR	NR	1
MN UNPERM LF	0.500		0	0	1	NR	NR	1
MN LCP	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
MN LUST	0.500	1	3	3	16	NR	NR	23

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MN LAST	0.500		0	1	3	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
MN UST	0.250	2	1	2	NR	NR	NR	5
MN AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MN INST CONTROL	0.500		0	1	5	NR	NR	6
State and tribal voluntary cleanup sites								
MN VIC	0.500		2	10	26	NR	NR	38
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
MN BROWNFIELDS	0.500		2	13	27	NR	NR	42
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
MN SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
MN SRS	0.500	1	6	14	49	NR	NR	70
MN CDL	TP		NR	NR	NR	NR	NR	0
MN DEL PLP	1.000		0	0	0	2	NR	2
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
MN LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
MN SPILLS	TP		NR	NR	NR	NR	NR	0
MN AGSPILLS	TP		NR	NR	NR	NR	NR	0
MN SPILLS 90	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MN SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	2	10	NR	NR	NR	13
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	4	NR	NR	NR	NR	NR	4
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	2	NR	NR	NR	NR	NR	2
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
MN AGVIC	0.500		0	0	0	NR	NR	0
MN AIRS	TP	1	NR	NR	NR	NR	NR	1
MN ASBESTOS	TP		NR	NR	NR	NR	NR	0
MN BULK	0.250		0	0	NR	NR	NR	0
MN COAL ASH	0.500		0	0	0	NR	NR	0
MN DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MN ENF	TP	1	NR	NR	NR	NR	NR	1
MN Financial Assurance	TP	2	NR	NR	NR	NR	NR	2
MN HWS Permit	1.000		0	0	0	0	NR	0
MN LEAD	TP		NR	NR	NR	NR	NR	0
MN MANIFEST	0.250	1	2	9	NR	NR	NR	12

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WI MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		0	1	NR	NR	NR	1
MN MDA LIS	0.250		0	0	NR	NR	NR	0
MN LS	0.500		1	5	19	NR	NR	25
MN TIER 2	TP	2	NR	NR	NR	NR	NR	2
MN VAPOR	0.500		0	5	8	NR	NR	13
MN WIMN	0.500	3	8	25	87	NR	NR	123
MN NPDES	TP	1	NR	NR	NR	NR	NR	1
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	2	NR	2
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
MN RGA HWS	TP		NR	NR	NR	NR	NR	0
MN RGA LF	TP		NR	NR	NR	NR	NR	0
MN RGA LUST	TP	4	NR	NR	NR	NR	NR	4
- Totals --		27	31	106	244	7	0	415

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **AASF - SAINT PAUL** **MN UST** **U000886152**
Target **206 AIRPORT DR SAINT PAUL AIRPORT** **MN Financial Assurance** **N/A**
Property **SAINT PAUL, MN 55107**

Site 1 of 17 in cluster A

Actual:
700 ft.

UST:

Item Compart ID:	115920-EQUI0000000001-1
AI ID:	115920
Tank Site ID:	TS0004034
Item ID:	115920-EQUI0000000001
SI Type:	Underground Storage Tank System
SI Design:	03A
SI Description:	Not reported
Compartment Number:	1
Substance:	Gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1900-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1990-12-04 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	1000
Longitude:	-93.06977526
Latitude:	44.94185519
Coord Collection Method:	Address Matching House Number
Owner:	State Of Mn Dept Of Military Affairs
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner Zip:	56345
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=115920-TS0004034&programInterest=TS

Item Compart ID:	115920-EQUI0000000002-1
AI ID:	115920
Tank Site ID:	TS0004034
Item ID:	115920-EQUI0000000002
SI Type:	Underground Storage Tank System
SI Design:	002
SI Description:	Not reported
Compartment Number:	1
Substance:	Gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1942-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1942-01-01 00:00:00
Tank Status:	Closed In-Place
Tanks Contractor:	Not reported
Capacity Gallons:	25000
Longitude:	-93.06977526
Latitude:	44.94185519
Coord Collection Method:	Address Matching House Number
Owner:	State Of Mn Dept Of Military Affairs
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner Zip:	56345

AASF - SAINT PAUL (Continued) **U000886152**

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=115920-TS0004034&programInterest=TS

Item Compart ID:	115920-EQUI0000000003-1
AI ID:	115920
Tank Site ID:	TS0004034
Item ID:	115920-EQUI0000000003
SI Type:	Underground Storage Tank System
SI Design:	04A
SI Description:	Not reported
Compartment Number:	1
Substance:	Gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1900-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1990-12-04 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	1000
Longitude:	-93.06977526
Latitude:	44.94185519
Coord Collection Method:	Address Matching House Number
Owner:	State Of Mn Dept Of Military Affairs
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner Zip:	56345

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=115920-TS0004034&programInterest=TS

Item Compart ID:	115920-EQUI0000000004-1
AI ID:	115920
Tank Site ID:	TS0004034
Item ID:	115920-EQUI0000000004
SI Type:	Underground Storage Tank System
SI Design:	001
SI Description:	Not reported
Compartment Number:	1
Substance:	Gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1942-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1942-01-01 00:00:00
Tank Status:	Closed In-Place
Tanks Contractor:	Not reported
Capacity Gallons:	25000
Longitude:	-93.06977526
Latitude:	44.94185519
Coord Collection Method:	Address Matching House Number
Owner:	State Of Mn Dept Of Military Affairs
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner Zip:	56345

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=115920-TS0004034&programInterest=TS

AASF - SAINT PAUL (Continued) **U000886152**

MN Financial Assurance 1:

PROGRAM ID:	193473
Township Name:	White Bear
Region:	1
Interest Type:	Tank site
ADDR ID:	192304
Interest Telephone:	NO CORE PI PH.
Preferred ID:	4034
Interest Start Date:	07/23/1992
Interest End Date:	08/29/2006
Activity Flag:	N
TMSP Added:	08/29/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	216631
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	193473
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	192304
Interest Telephone:	6512964585
Preferred ID:	4034
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	08/29/2006 07:46:23
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	193473
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	07/10/2015 10:02:17
TMSP Last Update:	07/10/2015 10:02:17

AASF - SAINT PAUL (Continued) **U000886152**

Staff ID Last Update:	CMATTIS
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	216631
Spatial ID:	51376633
Program Id:	193473
Lat/Long ID:	169240
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	30.64
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	11.16
Collection Date:	03/29/2010 17:52:59
Lat/Long Description:	Not reported
TMSP Added:	03/29/2010 19:00:59
TMSP Last Update:	03/29/2010 19:00:59
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	216631
Spatial ID:	51376633

Tab Site:

Program Id:	193473
Facility Code:	15
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	12/16/1985 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	11/13/2006 11:30:23
Staff ID Last Update:	RDULLIN
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

A2 **MN STATE NATL GUARD ARMORY** **RCRA NonGen / NLR** **1007103434**
Target **206 AIRPORT RD** **MND985720986**
Property **ST PAUL, MN 55107**

Site 2 of 17 in cluster A

Actual:
700 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/26/1991
Facility name:	MN STATE NATL GUARD ARMORY
Facility address:	206 AIRPORT RD ST PAUL, MN 55107
EPA ID:	MND985720986

MN STATE NATL GUARD ARMORY (Continued) **1007103434**

Contact: TOM BONG
Contact address: 206 AIRPORT RD
ST PAUL, MN 55107
Contact country: US
Contact telephone: 612-296-4660
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: PROPERTY FISCAL OFFC MN
Owner/operator address: PO BOX 288 CAMP RIPLEY
LITTLE FALLS, MN 56345
Owner/operator country: Not reported
Owner/operator telephone: 612-296-4660
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

A3 **AASF - SAINT PAUL** **FINDS** **1023415920**
Target **206 AIRPORT DR SAINT PAUL AIRPORT** **N/A**
Property **SAINT PAUL, MN 55107**

Site 3 of 17 in cluster A

Actual: **700 ft.**

FINDS:

Registry ID: 110067891106

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A4 **ARMY AVIATION SUPPORT - HOLMAN FIELD** **MN LUST** **S103213299**
Target **206 AIRPORT DR** **MN SRS** **N/A**
Property **SAINT PAUL, MN 55107** **MN ENF**
MN WIMN
Site 4 of 17 in cluster A **MN NPDES**

Actual: **700 ft.**

LUST:

Item ID:	4103-AREA0000000001
MNPCA ID:	Not reported
AI ID:	4103
AI Name:	Army Aviation Support - Holman Field
Site Type:	Leak Site
Hydro:	Chai Insook (former)
Project Manager:	Chris McLain (former)
Latitude:	44.94184717
Longitude:	-93.06976755
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4103
Leak Discovered:	7/30/1998
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Minnesota Dept of Military Affairs
Site Closed:	11/4/1999
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner ZIP:	563454173
SI Type:	Underground Storage Tank System
Leak Reported:	7/30/1998

Item ID:	4103-AREA0000000002
MNPCA ID:	Not reported
AI ID:	4103
AI Name:	Army Aviation Support - Holman Field
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94184717
Longitude:	-93.06976755

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S103213299**

Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4103
Leak Discovered:	6/2/1992
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Minnesota Dept of Military Affairs
Site Closed:	12/6/1996
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner ZIP:	563454173
SI Type:	Underground Storage Tank System
Leak Reported:	6/2/1992

SRS:

Facility ID:	LS0011755
Item ID:	4103-AREA0000000001
AI ID:	4103
AI Name:	Army Aviation Support - Holman Field
Facility Type:	Leak Site
Hydro:	Chai Insook (former)
Project Manager:	Chris McLain (former)
Latitude:	44.94184717
Longitude:	-93.06976755
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4103
Leak Discovered:	07/30/1998
Leak Reported:	07/30/1998
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/04/1999
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Leak Site Investigation
Status:	Closed

Facility ID:	LS0005349

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S103213299**

Item ID:	4103-AREA0000000002
AI ID:	4103
AI Name:	Army Aviation Support - Holman Field
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94184717
Longitude:	-93.06976755
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4103
Leak Discovered:	06/02/1992
Leak Reported:	06/02/1992
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/06/1996
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	3
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19920001
Act Desc:	Leak Site Investigation
Status:	Closed

MN Enforcement Log :

Facility ID:	TS0010283
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	02/22/2007
Enforcement Type:	Citation Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	4103
Activity ID:	NON20070001
Public Flag:	Y
Latitude:	44.9418765
Longitude:	-93.0698501
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	1500 Highway 115
Mailing City Name:	Little Falls
Mailing State Code:	MN

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S103213299**

Mailing Zip Code:	56345-4173
Responsible Party:	Minnesota Dept of Military Affairs (Little Falls, MN); Robert Sterusky (St. Paul, MN)
Zero Date:	02/22/2007
Case Closed:	5/3/2007
Case Lead:	Shirley Smith
Attorney Assigned:	Not reported
Lead Program:	Underground Tanks
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

WIMN:

Status:	Y
Latitude:	44.941876499999999
Longitude:	-93.069850099999996
Item ID:	4103-AISI0000004103
AI ID:	4103
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	4103
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; ST; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	02822205ad
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	ad

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S103213299**

Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	06/25/1998
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/18/2017
User Name of Last Update:	rparlin
Status Date:	Not reported
The Delta Spatial ID:	5300
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0005349; LS0011755; MND980682207; MNR0534NK; MNR053CBY; TS0010283
Program List:	Hazardous Waste; Investigation and Cleanup; Stormwater; Tanks
Classification:	National Security
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4103

WIMN:

Legislative District:	65B
Latitude:	44.94184717
Longitude:	-93.06976754
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=7893
Coordinate Collection Method:	Address Matching House Number
Status:	Active

NPDES:

Envid:	S103213299
Facility Name:	ARMY AVIATION SUPPORT - HOLMAN FIELD
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR0534NK
Preferred ID:	Not reported
Activity Sys ID:	4103
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	07/12/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9418765
Longitude Degree:	-93.0698501
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Met Council Environmental Services, Mn Dept Of Military Affairs
Owner Organization Type:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S103213299**

Permit Sys ID:	92410
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	6
Activity Description:	Non-scheduled air transportation including refueling (Waterbody <1 Mile? Y.)
No Exposure:	No
One Mile:	Not reported
Permit Type:	Industrial Stormwater Permit
Sector List:	S
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported
Envid:	S103213299
Facility Name:	ARMY AVIATION SUPPORT - HOLMAN FIELD
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S103213299**

Activity ID:	MNR053CBY
Preferred ID:	Not reported
Activity Sys ID:	4103
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9418765
Longitude Degree:	-93.0698501
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Met Council Environmental Services, Mn Dept Of Military Affairs
Owner Organization Type:	Not reported
Permit Sys ID:	2859402
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	5
Activity Description:	Aircraft refueling
No Exposure:	No
One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	S
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S103213299**

SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

A5 **HOLMAN FIELD** **MN RGA LUST** **S115794380**
Target **206 AIRPORT DR** **N/A**
Property **SAINT PAUL, MN**

Site 5 of 17 in cluster A

Actual: **700 ft.**

RGA LUST:

1999	HOLMAN FIELD	206 AIRPORT DR

A6 **ARMY AVIATION SUPPORT - HOLMAN FIELD** **MN MANIFEST** **S119128279**
Target **206 AIRPORT DR** **N/A**
Property **SAINT PAUL, MN 55107**

Site 6 of 17 in cluster A

Actual: **700 ft.**

MANIFEST:

Manifest ID:	666626
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-05-03 00:00:00

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Gen Ship Date:	2000-04-28 00:00:00
Trans 1 Recd Date:	2000-04-28 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2000-04-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	666626
Manifest Row:	1
Haz Material Name:	RQ WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	2
Container Code:	DMML
Waste Qty:	41
Waste Units Code:	AD
Waste Code List:	D001,D008,D018,D039,D040

Manifest ID:	318400
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	MND980682207
Transporter 1 AI ID:	4103
Transporter 1 AI Name:	Army Aviation Support - Holman Field
Transporter 1 Address:	206 Airport Dr
Transporter 1 City:	Saint Paul
Transporter 1 State:	MN
Transporter 1 ZIP:	55107
Transporter 2 ID:	MND985706217
Transporter 2 AI ID:	335
Transporter 2 AI Name:	Camp Ripley
Transporter 2 Address:	15000 Highway 115
Transporter 2 City:	Little Falls
Transporter 2 State:	MN
Transporter 2 ZIP:	56345-4173
TSD ID:	MND000773341

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

TSD AI ID:	1673
TSD AI Name:	Minnesota Air National Guard - Duluth
TSD Address:	4680 Viper St
TSD City:	Duluth
TSD State:	MN
TSD Zip:	55811-6005
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1996-10-02 00:00:00
Gen Ship Date:	1996-09-20 00:00:00
Trans 1 Recd Date:	1996-09-20 00:00:00
Trans 2 Recd Date:	9/23/1996 0:00:00
Tsd Recd Date:	1996-09-26 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318400
Manifest Row:	1
Haz Material Name:	PHOSPHORIC ACID
Haz Class Number:	Not reported
UN NA Number:	UN1760
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	48
Waste Units Code:	IB
Waste Code List:	D002

Manifest ID:	318400
Manifest Row:	2
Haz Material Name:	ETHANOLAMINE
Haz Class Number:	Not reported
UN NA Number:	UN2491
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	43
Waste Units Code:	IB
Waste Code List:	D002

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Manifest ID:	318401
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	MND980682207
Transporter 1 AI ID:	4103
Transporter 1 AI Name:	Army Aviation Support - Holman Field
Transporter 1 Address:	206 Airport Dr
Transporter 1 City:	Saint Paul
Transporter 1 State:	MN
Transporter 1 ZIP:	55107
Transporter 2 ID:	MND985706217
Transporter 2 AI ID:	335
Transporter 2 AI Name:	Camp Ripley
Transporter 2 Address:	15000 Highway 115
Transporter 2 City:	Little Falls
Transporter 2 State:	MN
Transporter 2 ZIP:	56345-4173
TSD ID:	MND000773341
TSD AI ID:	1673
TSD AI Name:	Minnesota Air National Guard - Duluth
TSD Address:	4680 Viper St
TSD City:	Duluth
TSD State:	MN
TSD Zip:	55811-6005
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1997-02-28 00:00:00
Gen Ship Date:	1997-02-21 00:00:00
Trans 1 Recd Date:	1997-02-21 00:00:00
Trans 2 Recd Date:	2/24/1997 0:00:00
Tsd Recd Date:	1997-02-25 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318401
Manifest Row:	1
Haz Material Name:	BATTERIES, DRY
Haz Class Number:	Not reported
UN NA Number:	UN3028

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMPF
Waste Qty:	357
Waste Units Code:	IB
Waste Code List:	D009
Manifest ID:	318401
Manifest Row:	2
Haz Material Name:	BATTERIES, WET
Haz Class Number:	Not reported
UN NA Number:	UN2795
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	336
Waste Units Code:	IB
Waste Code List:	D006
Manifest ID:	318402
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1993-05-07 00:00:00
Gen Ship Date:	1993-05-04 00:00:00
Trans 1 Recd Date:	1993-05-04 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-05-04 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318402
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	8
Container Code:	DMML
Waste Qty:	102
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	318403
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1993-06-28 00:00:00
Gen Ship Date:	1993-06-23 00:00:00
Trans 1 Recd Date:	1993-06-23 00:00:00
Trans 2 Recd Date:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Tsd Recd Date:	1993-06-23 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318403
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML
Waste Qty:	108
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	318404
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1991-09-27 00:00:00
Gen Ship Date:	1991-09-25 00:00:00
Trans 1 Recd Date:	1991-09-25 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1991-09-26 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318404
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	8
Container Code:	DMML
Waste Qty:	628
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	318405
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1997-04-08 00:00:00
Gen Ship Date:	1997-04-02 00:00:00
Trans 1 Recd Date:	1997-04-02 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-04-02 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318405
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	22
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	318406
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	MND059028886
Transporter 1 AI ID:	40875

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Transporter 1 AI Name:	Brenntag Great Lakes LLC - Roseville
Transporter 1 Address:	2340 Rose Pl
Transporter 1 City:	Roseville
Transporter 1 State:	MN
Transporter 1 ZIP:	55113
Transporter 2 ID:	MND059028886
Transporter 2 AI ID:	40875
Transporter 2 AI Name:	Brenntag Great Lakes LLC - Roseville
Transporter 2 Address:	2340 Rose Pl
Transporter 2 City:	Roseville
Transporter 2 State:	MN
Transporter 2 ZIP:	55113
TSD ID:	WID023350192
TSD AI ID:	40237
TSD AI Name:	Brenntag Great Lakes LLC
TSD Address:	N59 W14706 Bobolink Ave
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	5/19/1994 0:00:00
Fac Copy Recd Date:	1994-05-31 00:00:00
Gen Ship Date:	1994-05-16 00:00:00
Trans 1 Recd Date:	1994-05-16 00:00:00
Trans 2 Recd Date:	5/20/1994 0:00:00
Tsd Recd Date:	1994-05-20 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318406
Manifest Row:	1
Haz Material Name:	WASTE NAPHTHA SOLVENT
Haz Class Number:	Not reported
UN NA Number:	UN1256
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML
Waste Qty:	115
Waste Units Code:	AD

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Waste Code List: D001

Manifest ID: 318407
Generator ID: MND980682207
Generator AI ID: 4103
Transporter 1 ID: MND059028886
Transporter 1 AI ID: 40875
Transporter 1 AI Name: Brenntag Great Lakes LLC - Roseville
Transporter 1 Address: 2340 Rose Pl
Transporter 1 City: Roseville
Transporter 1 State: MN
Transporter 1 ZIP: 55113
Transporter 2 ID: WID023350192
Transporter 2 AI ID: 40237
Transporter 2 AI Name: Brenntag Great Lakes LLC
Transporter 2 Address: N59 W14706 Bobolink Ave
Transporter 2 City: Menomonee Falls
Transporter 2 State: WI
Transporter 2 ZIP: 53051
TSD ID: WID023350192
TSD AI ID: 40237
TSD AI Name: Brenntag Great Lakes LLC
TSD Address: N59 W14706 Bobolink Ave
TSD City: Menomonee Falls
TSD State: WI
TSD Zip: 53051
Gen Copy Recd Date: 8/24/1994 0:00:00
Fac Copy Recd Date: 1994-08-31 00:00:00
Gen Ship Date: 1994-08-22 00:00:00
Trans 1 Recd Date: 1994-08-22 00:00:00
Trans 2 Recd Date: 8/24/1994 0:00:00
Tsd Recd Date: 1994-08-24 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 4103
Generator ID: MND980682207
Generator AI Name: Army Aviation Support - Holman Field
Generator Contact: Scott Albers
Contact Address: 15000 Highway 115 Camp Ripley FME
Contact City: Little Falls
Contact State: MN
Contact Zip: 56345
Contact Email: scott.p.albers.nfg@mail.mil
Contact Phone: 320-616-2616

NAIC:
Generator AI ID: 4103
Generator ID: MND980682207
Generator AI Name: Army Aviation Support - Holman Field
NAIC Code: 928110
NAIC Desc: 928110 - National Security

Detail:
Manifest ID: 318407
Manifest Row: 1

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Haz Material Name:	WASTE NAPHTHA SOLVENT
Haz Class Number:	Not reported
UN NA Number:	UN1256
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML
Waste Qty:	112
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	318408
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-02-16 00:00:00
Gen Ship Date:	1990-02-14 00:00:00
Trans 1 Recd Date:	1990-02-14 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-02-15 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME
Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318408
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML
Waste Qty:	262
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	318409
Generator ID:	MND980682207
Generator AI ID:	4103
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1991-12-23 00:00:00
Gen Ship Date:	1991-12-18 00:00:00
Trans 1 Recd Date:	1991-12-18 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1991-12-19 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
Generator Contact:	Scott Albers
Contact Address:	15000 Highway 115 Camp Ripley FME

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **S119128279**

Contact City:	Little Falls
Contact State:	MN
Contact Zip:	56345
Contact Email:	scott.p.albers.nfg@mail.mil
Contact Phone:	320-616-2616

NAIC:

Generator AI ID:	4103
Generator ID:	MND980682207
Generator AI Name:	Army Aviation Support - Holman Field
NAIC Code:	928110
NAIC Desc:	928110 - National Security

Detail:

Manifest ID:	318409
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	6
Container Code:	DMML
Waste Qty:	473
Waste Units Code:	IB
Waste Code List:	D001

Click this hyperlink while viewing on your computer to access
55 additional MN MANIFEST: record(s) in the EDR Site Report.

A7 **HOLMAN FIELD/AVIATION SUPPORT FACILITY** **MN RGA LUST** **S115794379**
Target **206 AIRPORT DR** **N/A**
Property **ST. PAUL, MN**

Site 7 of 17 in cluster A

Actual: **700 ft.**

RGA LUST:

2012	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2011	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2010	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2009	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2008	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2007	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2006	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2005	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2004	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2002	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2001	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
2000	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR

A8 **ARMY AVIATION SUPPORT - HOLMAN FIELD** **FINDS** **1016194890**
Target **206 AIRPORT RD** **ECHO** **N/A**
Property **SAINT PAUL, MN 55107**

Site 8 of 17 in cluster A

Actual:
700 ft.

FINDS:

Registry ID: 110003794234

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016194890
Registry ID:	110003794234
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003794234

A9 **ARMY AVIATION SUPPORT FACILITY** **MN TIER 2** **S107727235**
Target **206 AIRPORT RD** **N/A**
Property **ST. PAUL, MN 55107**

Site 9 of 17 in cluster A

Actual:
700 ft.

TIER 2:

Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
Dunn Brad Num:	Not reported
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Site Plan:	No
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Year:	2005
Facility Status:	ACTIVE
Facility Phone:	3206162616
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC Code:	9711
NAICS:	Not reported
Dunn Brad Num:	Not reported
Mailing Name:	ARMY AVIATION SUPPORT FACILITY
Mailing Street:	15000 HIGHWAY 115, MNAG-FMO-E
Mailing PO BOX:	Not reported
Mailing City/State/Zip:	LITTLE FALLS, MN 56345-4173
Mailing Attn:	SCOTT P. ALBERS
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Jon R. Kolstad
Title:	Env. Protection Specialist
Signed Date:	2006-02-07
Attach Site Plan:	Yes
Attach Coord Abbr:	Yes
Attach Safeguard Info:	No
Attach ERP:	Yes
Hardcopy Attachments:	No
Extension Site Plan:	jpg
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	doc
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	2006-02-06
FIPS County:	27062
Latitude/Longitude:	44.9389801025391/93.0693511962891
User Name:	MNARMYNG
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700188
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Facility Id:	620700188
CAS Number:	No
Chemical Id:	Not reported
Chemical Name:	JP8
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	P14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Chemical Id:	22299
Chemical Name:	JP8
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9472
Chemical Desc ID:	22299
CAS No:	N/A
Chemical Name:	JP8
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	05
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	125000
Avg Daily Amt Exact:	62500
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22299
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Storage ID:	111501
Storage Confidential:	No

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	22299
Chemical Name:	JP8
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9472
Chemical Desc ID:	22299
CAS No:	N/A
Chemical Name:	JP8
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	05
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	125000
Avg Daily Amt Exact:	62500
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22299
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Storage ID:	111501
Storage Confidential:	No

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	22299
Chemical Name:	JP8
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9472
Chemical Desc ID:	22299
CAS No:	N/A
Chemical Name:	JP8
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	05
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	125000
Avg Daily Amt Exact:	62500
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22299
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Storage ID:	111501
Storage Confidential:	No

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	22299
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9472
Chemical Desc ID:	22299
CAS No:	N/A
Chemical Name:	JP8
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	05
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	125000
Avg Daily Amt Exact:	62500
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22299
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Storage ID:	111501
Storage Confidential:	No

ARMY AVIATION SUPPORT FACILITY (Continued) **S107727235**

Contact:
- Contact ID: 18944
- Contact Type: T2EC
- Contact Name: SSG ROBERT
- Contact Title: FEC
- Sort Order: 1

Contact:
- Contact ID: 18945
- Contact Type: T2EC
- Contact Name: SSG KATHER
- Contact Title: Ass. FEC
- Sort Order: 2

Device:
- Contact Device ID: 18945
- Device Type: Phone
- Device Name: Phone
- Device Value: 5074672656
- Contact ID: 6315

A10 **AASF - SAINT PAUL** **MN WIMN** **S120054637**
Target **206 AIRPORT DR SAINT PAUL AIRPORT** **N/A**
Property **SAINT PAUL, MN 55107**

Site 10 of 17 in cluster A

Actual:
700 ft.

WIMN:
- Status: N
- Latitude: 44.941847099999997
- Longitude: -93.069767499999998
- Item ID: 115920-AISI0000115920
- AI ID: 115920
- Document ID: 0
- Subject Item Type Code: CON
- Subject Item Category Code: AISI
- Subject Item ID: 115920
- Subject Item Category Description: Agency Interest
- Subject Item Type Description: Conventional Site
- Description: Not reported
- Subject Item Designation: Not reported
- MPCA Program: Tanks
- Program List: TL
- City, Township or Unorganized code: 239651
- City, Township or Unorganized Name: Saint Paul
- Congressional District Code: 4
- House District: 65B
- Senate District: 65
- USGS 8-digits: 07010206
- USGS 8-digits Name: Mississippi River - Twin Cities
- USGS 10-digits: 701020608
- USGS 12-digits: 70102060805
- USGS 12-digits Name: Harriet Island-Mississippi River
- MDH Drinking Water Management Code: Not reported
- MDH Drinking Water Management Name: Not reported

AASF - SAINT PAUL (Continued) **S120054637**

Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/29/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	08/29/2006
The Delta Spatial ID:	51376632
Activity:	Underground Tanks
Activity List:	Underground Tanks
MPCA ID:	TS0004034
MPCA List:	TS0004034
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=115920

A11 **HOLMAN FIELD** **MN RGA LUST** **S115794381**
Target **206 AIRPORT DR** **N/A**
Property **ST. PAUL, MN**

Site 11 of 17 in cluster A

Actual: **700 ft.**

RGA LUST:

2012	HOLMAN FIELD	206 AIRPORT DR
2011	HOLMAN FIELD	206 AIRPORT DR
2010	HOLMAN FIELD	206 AIRPORT DR
2009	HOLMAN FIELD	206 AIRPORT DR
2008	HOLMAN FIELD	206 AIRPORT DR
2007	HOLMAN FIELD	206 AIRPORT DR
2006	HOLMAN FIELD	206 AIRPORT DR
2005	HOLMAN FIELD	206 AIRPORT DR
2004	HOLMAN FIELD	206 AIRPORT DR
2002	HOLMAN FIELD	206 AIRPORT DR
2001	HOLMAN FIELD	206 AIRPORT DR
2000	HOLMAN FIELD	206 AIRPORT DR

A12 **ARMY AVIATION SUPPORT FACILITY** **RCRA-CESQG** **1000306171**
Target **206 AIRPORT DR** **MND980682207**
Property **ST. PAUL, MN 55107**

Site 12 of 17 in cluster A

Actual: **700 ft.**

RCRA-CESQG:

Date form received by agency:	02/10/1983
Facility name:	ARMY AVIATION SUPPORT FACILITY
Facility address:	206 AIRPORT DR

ARMY AVIATION SUPPORT FACILITY (Continued) **1000306171**

ST. PAUL, MN 55107
EPA ID: MND980682207
Mailing address: CAMP RIPLEY FME 15000 HIGHWAY
LITTLE FALLS, MN 56345
Contact: SCOTT P ALBERS
Contact address: 15000 HIGHWAY 115
LITTLE FALLS, MN 56345-4173
Contact country: US
Contact telephone: 320-616-2616
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: MINNESOTA DEPT OF MILITARY AFFAIRS
Owner/operator address: 15000 HIGHWAY 115
LITTLE FALLS, MN 56345
Owner/operator country: US
Owner/operator telephone: 320-616-2616
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 07/28/1999
Owner/Op end date: Not reported

Owner/operator name: MINNESOTA STATE OF
Owner/operator address: 15000 HWY 115
LITTLE FALLS, MN 56345
Owner/operator country: Not reported
Owner/operator telephone: 320-632-7566
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

ARMY AVIATION SUPPORT FACILITY (Continued) **1000306171**

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

A13 **HOLMAN FIELD/AVIATION SUPPORT FACILITY** **MN RGA LUST** **S115794378**
Target Property **206 AIRPORT DR** **N/A**
SAINT PAUL, MN

Site 13 of 17 in cluster A

Actual: 700 ft.

RGA LUST:

1999	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
1998	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
1997	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
1996	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
1995	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR
1994	HOLMAN FIELD/AVIATION SUPPORT FACILITY	206 AIRPORT DR

A14 **MINNESOTA ARMY NATIONAL GUARD AASF1-HOLMAN FIELD** **FINDS** **1023431391**
Target **206 AIRPORT RD** **N/A**
Property **MAPLEWOOD, MN 55109**

Site 14 of 17 in cluster A

Actual: **700 ft.**

FINDS:

Registry ID: 110068062214

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A15 **MN STATE NATL GUARD ARMORY** **FINDS** **1007138210**
Target **206 AIRPORT RD** **ECHO** **N/A**
Property **ST PAUL, MN 55107**

Site 15 of 17 in cluster A

Actual: **700 ft.**

FINDS:

Registry ID: 110015864741

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1007138210
Registry ID: 110015864741
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110015864741

A16 **ARMY AVIATION SUPPORT - HOLMAN FIELD** **MN UST** **U000881654**
Target **206 AIRPORT DR** **MN AIRS** **N/A**
Property **SAINT PAUL, MN 55107** **MN Financial Assurance**
MN TIER 2
Site 16 of 17 in cluster A **MN WIMN**

Actual: **700 ft.**

UST:
Item Compart ID: 4103-EQUI0000000001-1
AI ID: 4103
Tank Site ID: TS0010283
Item ID: 4103-EQUI0000000001
SI Type: Underground Storage Tank System

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1942-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1988-05-08 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 500
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: Minnesota Dept of Military Affairs
Owner Address: 15000 Highway 115
Owner City: Little Falls
Owner State: MN
Owner Zip: 563454173
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4103-TS0010283&programInterest=TS

Item Compart ID: 4103-EQUI0000000002-1
AI ID: 4103
Tank Site ID: TS0010283
Item ID: 4103-EQUI0000000002
SI Type: Underground Storage Tank System
SI Design: 003
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1942-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1998-09-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 25000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: Minnesota Dept of Military Affairs
Owner Address: 15000 Highway 115
Owner City: Little Falls
Owner State: MN
Owner Zip: 563454173
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4103-TS0010283&programInterest=TS

Item Compart ID: 4103-EQUI0000000003-1
AI ID: 4103
Tank Site ID: TS0010283
Item ID: 4103-EQUI0000000003
SI Type: Underground Storage Tank System
SI Design: 004
SI Description: Not reported
Compartment Number: 1

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Substance:	Jet Fuel
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1998-10-02 00:00:00
Material:	Fiberglass, DW
Status Change Date:	1998-10-02 00:00:00
Tank Status:	Active
Tanks Contractor:	Not reported
Capacity Gallons:	20000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	Minnesota Dept of Military Affairs
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner Zip:	563454173
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4103-TS0010283&programInterest=TS

Item Compart ID:	4103-EQUI0000000004-1
AI ID:	4103
Tank Site ID:	TS0010283
Item ID:	4103-EQUI0000000004
SI Type:	Underground Storage Tank System
SI Design:	002
SI Description:	Not reported
Compartment Number:	1
Substance:	Aviation gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1942-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1998-09-01 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	25000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	Minnesota Dept of Military Affairs
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner Zip:	563454173
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4103-TS0010283&programInterest=TS

Item Compart ID:	4103-EQUI0000000005-
AI ID:	4103
Tank Site ID:	TS0010283
Item ID:	4103-EQUI0000000005
SI Type:	Underground Storage Tank System
SI Design:	005
SI Description:	Not reported
Compartment Number:	Not reported
Substance:	Not reported
Wall Type:	Not reported
Overfill Prevention System:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Install Date:	Not reported
Material:	Not reported
Status Change Date:	Not reported
Tank Status:	Not reported
Tanks Contractor:	Not reported
Capacity Gallons:	Not reported
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	Minnesota Dept of Military Affairs
Owner Address:	15000 Highway 115
Owner City:	Little Falls
Owner State:	MN
Owner Zip:	563454173
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4103-TS0010283&programInterest=TS

MN AIRS:

Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	PM2.5 Primary
Emissions (lb):	4.3902
Emissions (tons):	0.0021951

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	PM10 Primary
Emissions (lb):	103.438
Emissions (tons):	0.051719
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	PM Primary
Emissions (lb):	103.438
Emissions (tons):	0.051719
Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	CO2-equivalent
Emissions (lb):	780803.8064
Emissions (tons):	390.4019032
Facility ID:	12300769

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Ammonia
Emissions (lb):	26.62
Emissions (tons):	0.01331

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Nitrogen Oxides
Emissions (lb):	832
Emissions (tons):	0.416

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	PM10 Primary
Emissions (lb):	104.326
Emissions (tons):	0.052163
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	CO2-equivalent
Emissions (lb):	812636.796
Emissions (tons):	406.318398
Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Industry Type:	Other
Pollutant:	Nitrogen Oxides
Emissions (lb):	635
Emissions (tons):	0.3175
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	CO2-equivalent
Emissions (lb):	1023053.256
Emissions (tons):	511.526628
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	Carbon Monoxide
Emissions (lb):	555.2
Emissions (tons):	0.2776
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	Ammonia
Emissions (lb):	21.16
Emissions (tons):	0.01058

Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	PM Primary
Emissions (lb):	5.302
Emissions (tons):	0.002651

Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	PM10 Primary
Emissions (lb):	5.302
Emissions (tons):	0.002651
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1504.36
Emissions (tons):	0.75218
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Sulfur Dioxide
Emissions (lb):	4.992

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Emissions (tons):	0.002496
Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	Sulfur Dioxide
Emissions (lb):	3.81
Emissions (tons):	0.001905
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	Lead
Emissions (lb):	0.003306
Emissions (tons):	1.653e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Carbon Monoxide
Emissions (lb):	698.8
Emissions (tons):	0.3494

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Lead
Emissions (lb):	0.00416
Emissions (tons):	2.08e-06

Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	Carbon Monoxide
Emissions (lb):	533.4
Emissions (tons):	0.2667
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1493.76
Emissions (tons):	0.74688
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Acenaphthene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09
Facility ID:	12300769

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Acenaphthylene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Anthracene
Emissions (lb):	2e-05
Emissions (tons):	1e-08

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Arsenic
Emissions (lb):	0.001664
Emissions (tons):	8.32e-07
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Benz(A)Anthracene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Industry Type:	Other
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	9.98e-06
Emissions (tons):	4.99e-09
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Benzene
Emissions (lb):	0.017472
Emissions (tons):	8.736e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	9.98e-06
Emissions (tons):	4.99e-09
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Beryllium
Emissions (lb):	9.98e-05
Emissions (tons):	4.99e-08
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Cadmium
Emissions (lb):	0.009152
Emissions (tons):	4.576e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Chromium (III)
Emissions (lb):	0.011182

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Emissions (tons):	5.591e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Chromium (VI)
Emissions (lb):	0.000466
Emissions (tons):	2.33e-07
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Chrysene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Cobalt
Emissions (lb):	0.0006988
Emissions (tons):	3.494e-07

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Copper
Emissions (lb):	0.007072
Emissions (tons):	3.536e-06

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	9.98e-06
Emissions (tons):	4.99e-09
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.009984
Emissions (tons):	4.992e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	0.00013312
Emissions (tons):	6.656e-08
Facility ID:	12300769

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Ethylbenzene
Emissions (lb):	60
Emissions (tons):	0.03

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Fluoranthene
Emissions (lb):	2.5e-05
Emissions (tons):	1.25e-08

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Fluorene
Emissions (lb):	2.33e-05
Emissions (tons):	1.165e-08
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Formaldehyde
Emissions (lb):	0.624
Emissions (tons):	0.000312
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Industry Type:	Other
Pollutant:	N-Hexane
Emissions (lb):	14.976
Emissions (tons):	0.007488
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Lead
Emissions (lb):	0.00416
Emissions (tons):	2.08e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Manganese
Emissions (lb):	0.003162
Emissions (tons):	1.581e-06

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Mercury
Emissions (lb):	6.99e-06
Emissions (tons):	3.495e-09

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	3-Methylcholanthrene
Emissions (lb):	1.5e-05
Emissions (tons):	7.5e-09
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	2-Methylnaphthalene
Emissions (lb):	0.00019968
Emissions (tons):	9.984e-08
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Naphthalene
Emissions (lb):	20.005076

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Emissions (tons):	0.010002538
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Nickel
Emissions (lb):	0.017472
Emissions (tons):	8.736e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Phenanthrene
Emissions (lb):	0.00014144
Emissions (tons):	7.072e-08
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Pyrene
Emissions (lb):	4.16e-05
Emissions (tons):	2.08e-08

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Selenium
Emissions (lb):	0.00019968
Emissions (tons):	9.984e-08

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Toluene
Emissions (lb):	80.02828
Emissions (tons):	0.04001414
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Vanadium
Emissions (lb):	0.019136
Emissions (tons):	9.568e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Xylenes (Mixed Isomers)
Emissions (lb):	80
Emissions (tons):	0.04
Facility ID:	12300769

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	Zinc
Emissions (lb):	0.2412
Emissions (tons):	0.0001206

Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	Lead
Emissions (lb):	0.003176
Emissions (tons):	1.588e-06

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	Sulfur Dioxide
Emissions (lb):	3.966
Emissions (tons):	0.001983
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	PM2.5 Primary
Emissions (lb):	86.557
Emissions (tons):	0.0432785
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Industry Type:	Other
Pollutant:	PM2.5 Primary
Emissions (lb):	85.8234
Emissions (tons):	0.0429117
Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1374.92
Emissions (tons):	0.68746
Facility ID:	12300769
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	928110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Other
Pollutant:	Ammonia
Emissions (lb):	20.32
Emissions (tons):	0.01016
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	Carbon Monoxide
Emissions (lb):	672.8
Emissions (tons):	0.3364

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	Nitrogen Oxides
Emissions (lb):	801
Emissions (tons):	0.4005

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	PM Primary
Emissions (lb):	124.166
Emissions (tons):	0.062083
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	PM10 Primary
Emissions (lb):	124.166
Emissions (tons):	0.062083
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	PM2.5 Primary
Emissions (lb):	103.0252

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Emissions (tons):	0.0515126
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	Sulfur Dioxide
Emissions (lb):	4.806
Emissions (tons):	0.002403
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1164.06
Emissions (tons):	0.58203
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	Ammonia
Emissions (lb):	25.64
Emissions (tons):	0.01282

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	Lead
Emissions (lb):	0.004006
Emissions (tons):	2.003e-06

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Other
Pollutant:	CO2-equivalent
Emissions (lb):	984814.0192
Emissions (tons):	492.4070096
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	Carbon Monoxide
Emissions (lb):	551.2
Emissions (tons):	0.2756
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	Nitrogen Oxides
Emissions (lb):	656.2
Emissions (tons):	0.3281
Facility ID:	12300769

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	PM Primary
Emissions (lb):	163.412
Emissions (tons):	0.081706

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	PM10 Primary
Emissions (lb):	163.412
Emissions (tons):	0.081706

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	PM2.5 Primary
Emissions (lb):	135.5818
Emissions (tons):	0.0677909
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	Sulfur Dioxide
Emissions (lb):	3.938
Emissions (tons):	0.001969
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Industry Type:	Other
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1236.1
Emissions (tons):	0.61805
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	Ammonia
Emissions (lb):	21
Emissions (tons):	0.0105
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	Lead
Emissions (lb):	0.003282
Emissions (tons):	1.641e-06
Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Other
Pollutant:	CO2-equivalent
Emissions (lb):	806230.6584
Emissions (tons):	403.1153292

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 56345
Contact Name:	Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	Not reported
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	92811
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Other
Pollutant:	Nitrogen Oxides
Emissions (lb):	661
Emissions (tons):	0.3305

Facility ID:	12300769
File Number:	4531
Fedral/State:	Not reported
Mail Address:	15000 Highway 115
Mail City,St,Zip:	Little Falls, MN 563454173
Contact Name:	Mr. Gary Nierengarten
Contact Phone:	(320) 616-2624
Contact Fax:	(320) 632-7473
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
SIC Code:	9711
SIC Code 2:	Not reported
NAICS:	92811

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Permip Program Type:	Registration
Action ID:	1
Effective Start:	01/10/2012
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Other
Pollutant:	PM Primary
Emissions (lb):	104.326
Emissions (tons):	0.052163

MN Financial Assurance 1:

PROGRAM ID:	199452
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	198152
Interest Telephone:	6512813409
Preferred ID:	10283
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	07/23/1992
TMSP Last Update:	08/28/2006 09:11:40
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199452
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	18085
Interest Telephone:	NO CORE PI PH.
Preferred ID:	10283
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	08/28/2006
TMSP Last Update:	03/06/2007 13:03:40
Staff ID Last Update:	JHENRY
Source:	CORE
Source ID:	7893
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	218019
Township Name:	Not reported
Region:	1

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Interest Type:	Leak Site
ADDR ID:	18085
Interest Telephone:	NO CORE PI PH.
Preferred ID:	5349
Interest Start Date:	05/29/1998
Interest End Date:	11/17/2006
Activity Flag:	N
TMSP Added:	11/17/2006
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	7893
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	218019
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	198152
Interest Telephone:	6512964585
Preferred ID:	5349
Interest Start Date:	05/29/1998
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	11/17/2006 06:58:14
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	224160
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	18085
Interest Telephone:	NO CORE PI PH.
Preferred ID:	11755
Interest Start Date:	11/01/1999
Interest End Date:	03/24/2006
Activity Flag:	N
TMSP Added:	03/24/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	7893
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 224160
Township Name: Not reported
Region: 1
Interest Type: Deleted Leak Site
ADDR ID: 198152
Interest Telephone: 6512964585
Preferred ID: 11755
Interest Start Date: 11/01/1999
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 12/04/1999
TMSP Last Update: 03/24/2006 13:06:08
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: Not reported

Latitude Longitude:
Program Id: 199452
Lat/Long ID: 1
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 17.72852139
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 8.89766434
Collection Date: 02/22/2007 00:00:00
Lat/Long Description: Not reported
TMSP Added: 02/23/2007 10:37:50
TMSP Last Update: 02/23/2007 10:37:50
Staff ID Last Update: SSMITH
Coord Source Type: 2
Org Name Source: Shirley Smith
Coord Coll Meth: G6
Map Scale Code: Not reported
Source: TALES
Site ID: 7893
Spatial ID: 51369353

Program Id: 199452
Lat/Long ID: 69250
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 30.75
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 11.46
Collection Date: 03/12/2010 17:48:36
Lat/Long Description: Site along road used for address match
TMSP Added: 10/24/2001 00:00:00

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

TMSP Last Update:	03/12/2010 18:14:16
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	N
Source:	CORE
Site ID:	7893
Spatial ID:	51369353

Tab Site:

Program Id:	199452
Facility Code:	15
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	05/07/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

Latitude Longitude:

Program Id:	218019
Lat/Long ID:	4395
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	30.0333
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	11.0602
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:07
TMSP Last Update:	08/03/2004 12:34:07
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	TALES
Site ID:	7893
Spatial ID:	51752809

Program Id:	218019
Lat/Long ID:	69250
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	30.75
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	11.46
Collection Date:	03/12/2010 17:48:36

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Lat/Long Description:	Site along road used for address match
TMSP Added:	10/24/2001 00:00:00
TMSP Last Update:	03/12/2010 18:14:16
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	N
Source:	CORE
Site ID:	7893
Spatial ID:	51752809

Staff Name:

Program Id:	218019
Staff Sequence ID:	2218
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:03:59
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	3346

Program Id:	218019
Staff Sequence ID:	17415
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:14
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3296

Latitude Longitude:

Program Id:	224160
Lat/Long ID:	9865
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	30.7792
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	11.5968
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:13
TMSP Last Update:	08/03/2004 12:34:13
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Coord Coll Meth: IU
Map Scale Code: Not reported
Source: TALES
Site ID: 7893
Spatial ID: 51071023

Program Id: 224160
Lat/Long ID: 69250
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 30.75
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 11.46
Collection Date: 03/12/2010 17:48:36
Lat/Long Description: Site along road used for address match
TMSP Added: 10/24/2001 00:00:00
TMSP Last Update: 03/12/2010 18:14:16
Staff ID Last Update: MAPT_NC
Coord Source Type: 2
Org Name Source: MPCA
Coord Coll Meth: A1
Map Scale Code: N
Source: CORE
Site ID: 7893
Spatial ID: 51071023

Staff Name:
Program Id: 224160
Staff Sequence ID: 7943
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:04
TMSP Last Update: 01/20/2012 10:39:35
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: RRS
Staff ID Number: 3433

Program Id: 224160
Staff Sequence ID: 23240
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:20
TMSP Last Update: 01/20/2012 10:39:36
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 3340

Program Id: 224160
Staff Sequence ID: 30072
Staff Type: Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:26
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	3286

TIER 2:

Year:	2011
Facility Status:	ACTIVE
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	9711
NAICS:	928110
Dunn Brad Num:	Not reported
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700188
Own Country:	Not reported
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	UNKNOWN
Status 312:	UNKNOWN
Emergency Contact Name1:	SFC Miguel Zamora
Emergency Contact Name2:	Bruce Wehus
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Emergency Contact 24hr Phone1:	6517760032
Emergency Contact 24hr Phone2:	6123028013
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	9472
CAS Number:	N/A
Chemical Id:	22299
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9472
Chemical Desc ID:	22299
CAS No:	N/A
Chemical Name:	JP8

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	05
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	125000
Avg Daily Amt Exact:	62500
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22299
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Storage ID:	111501
Storage Confidential:	No

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	22299
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9472
Chemical Desc ID:	22299
CAS No:	N/A
Chemical Name:	JP8
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	05
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	125000
Avg Daily Amt Exact:	62500
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22299
Storage Container Type:	B
Storage Pressure:	1

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Storage Temp:	4
Storage Location:	75 FEET SOUTH OF SE CORNER OF BLDG.
Storage ID:	111501
Storage Confidential:	No

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (JP8)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (F24)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	300
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Army Aviation Support Facility
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	Yes
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	Yes
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	No

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (F24)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	300

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Army Aviation Support Facility
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	Yes
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	Yes
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	No

Facility Id:	9472
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	JET FUEL (F24)
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	10
Avg Daily Amt Code:	8
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	300
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Army Aviation Support Facility
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Is Physical Hazard Not Otherwise Classified:	Yes
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	Yes
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	No

Contact:

Contact ID:	18944
Contact Type:	T2EC
Contact Name:	SSG ROBERT
Contact Title:	FEC
Sort Order:	1

Contact:

Contact ID:	18945
Contact Type:	T2EC
Contact Name:	SSG KATHER
Contact Title:	Ass. FEC
Sort Order:	2

Device:

Contact Device ID:	18945
Device Type:	Phone
Device Name:	Phone
Device Value:	5074672656
Contact ID:	6315

Click this hyperlink while viewing on your computer to access
3 additional MN_TIER2: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	45.015395699999999
Longitude:	-93.027791980000003
Item ID:	139243-AISI0000139243
AI ID:	139243
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI

ARMY AVIATION SUPPORT - HOLMAN FIELD (Continued) **U000881654**

Subject Item ID:	139243
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Air Quality
Program List:	AQ
City, Township or Unorganized code:	239584
City, Township or Unorganized Name:	Maplewood
Congressional District Code:	4
House District:	43A
Senate District:	43
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060803
USGS 12-digits Name:	Lake Phalen
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	11/15/2011
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	61546687
Activity:	Air Quality
Activity List:	Air Quality
MPCA ID:	12300769
MPCA List:	12300769
Program List:	Air Quality
Classification:	National Security
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=139243

A17 **HOLMAN FIELD** **MN LUST S119108974**
DOWTOWN SAINT PAUL AIRPORT **MN SRS N/A**
< 1/8 **SAINT PAUL, MN 55107** **MN WIMN**
1 ft.

Site 17 of 17 in cluster A

Relative: Higher
Actual: 700 ft.

LUST:

Item ID:	185664-AREA0000000001
MNPCA ID:	Not reported
AI ID:	185664
AI Name:	Holman Field
Site Type:	Leak Site

HOLMAN FIELD (Continued) **S119108974**

Hydro:	Bassou Oulgout (former)
Project Manager:	Lauralin Kania (former)
Latitude:	44.93967056
Longitude:	-93.06934357
Coord Collection Method:	Interpolation Unknown
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185664
Leak Discovered:	4/1/1996
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	8/7/1996
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	4/1/1996

SRS:

Facility ID:	LS0009175
Item ID:	185664-AREA0000000001
AI ID:	185664
AI Name:	Holman Field
Facility Type:	Leak Site
Hydro:	Bassou Oulgout (former)
Project Manager:	Lauralin Kania (former)
Latitude:	44.93967056
Longitude:	-93.06934357
Coord Collection Method:	Interpolation Unknown
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185664
Leak Discovered:	04/01/1996
Leak Reported:	04/01/1996
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/07/1996
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19960001

HOLMAN FIELD (Continued) **S119108974**

Act Desc:	Leak Site Investigation
Status:	Closed

WIMN:

Status:	Y
Latitude:	44.939670139999997
Longitude:	-93.069340280000006
Item ID:	185664-AISI0000185664
AI ID:	185664
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	185664
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	IU
Method Description:	Interpolation Unknown
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/29/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51829336
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0009175
MPCA List:	LS0009175
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185664

B18 **ST. PAUL FC PROJECT #2 (VP2980)** **MN BROWNFIELDS** **S119124697**
NW **FLOOD FRINGE-NEAR HOLMAN FIELD** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.070 mi.
369 ft. **Site 1 of 3 in cluster B**

Relative: **Higher**
Actual: **700 ft.**

BROWNFIELDS:

Site ID:	VP2980
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	189782-AREA0000000001
AI ID:	189782
AI Name:	St. Paul Fc Project #2
Site type:	Brownfield Site
Hydro:	Tom Schaub (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189782
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/06/1992
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/17/1996
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.94060135
Longitude:	-93.07115173

B19 **ST. PAUL FC PROJECT #2 (VP2980)** **MN VIC** **S103228132**
NW **FLOOD FRINGE-NEAR HOLMAN FIELD** **MN SRS** **N/A**
< 1/8 **SAINT PAUL, MN 55107** **MN LS**
0.070 mi.
369 ft. **Site 2 of 3 in cluster B**

Relative: **Higher**
Actual: **700 ft.**

VIC:

Facility ID:	VP2980
Facility Type:	Brownfield Site
Item ID:	189782-AREA0000000001
AI ID:	189782
AI Name:	St. Paul Fc Project #2
Hydro:	Tom Schaub (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.94060135
Longitude:	-93.07115173
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189782
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/06/1992
Site Listed on PLP:	Not reported

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/17/1996
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP2980
Facility Address 2:	Not reported
Core Program Interest ID:	335368
Link ID:	3434
Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	03/06/1992
Last Update Date:	05/05/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494386.51052000001
Utm North:	4976354.4990900001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP2980
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1992-03-06 00:00:00
Date End:	1996-10-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP2980
Event:	1
Additional Information:	None
Record Number:	1220

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3389

Facility ID:	VP2981
Facility Type:	Brownfield Site
Item ID:	189782-AREA0000000002
AI ID:	189782
AI Name:	St. Paul Fc Project #2
Hydro:	Rick Jolley (former)
Project Manager:	Karen Kromar (former)
Latitude:	44.93927404
Longitude:	-93.07330479
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189782
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/12/1992
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/23/1996
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP2981
Facility Address 2:	Not reported
Core Program Interest ID:	55131406
Link ID:	3434
Site Type:	Not reported
Active?:	False

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	04/12/1992
Last Update Date:	05/06/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494386.51052000001
Utm North:	4976354.4990900001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP2981
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2005-07-29 00:00:00
Inst Control Info Updated:	2005-07-29 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1992-04-12 00:00:00
Date End:	1996-11-23 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP2981
Event:	1
Additional Information:	None
Record Number:	1221

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2008-12-03 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-3080
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3316

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

SRS:

Facility ID:	VP2980
Item ID:	189782-AREA0000000001
AI ID:	189782
AI Name:	St. Paul Fc Project #2
Facility Type:	Brownfield Site
Hydro:	Tom Schaub (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.94060135
Longitude:	-93.07115173
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189782
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/06/1992
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/17/1996
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	1
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19920001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Facility ID:	VP2980
Facility Adress 2:	Not reported
Core Program Interest ID:	335368
Link ID:	3434
Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	03/06/1992
Last Update Date:	05/05/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494386.51052000001
Utm North:	4976354.4990900001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP2980
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1992-03-06 00:00:00
Date End:	1996-10-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP2980
Event:	1
Additional Information:	None
Record Number:	1220

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3389

Facility ID:	VP2981
Item ID:	189782-AREA0000000002
AI ID:	189782
AI Name:	St. Paul Fc Project #2
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Karen Kromar (former)
Latitude:	44.93927404
Longitude:	-93.07330479
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189782
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/12/1992
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/23/1996
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	1
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19920002
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP2981
Facility Adress 2:	Not reported
Core Program Interest ID:	55131406
Link ID:	3434
Site Type:	Not reported
Active?:	False

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	04/12/1992
Last Update Date:	05/06/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Utm Accuracy:	Not reported
Utm East:	494386.51052000001
Utm North:	4976354.4990900001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP2981
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2005-07-29 00:00:00
Inst Control Info Updated:	2005-07-29 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1992-04-12 00:00:00
Date End:	1996-11-23 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP2981
Event:	1
Additional Information:	None
Record Number:	1221

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2008-12-03 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-3080
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3316

Contact Type:	1

ST. PAUL FC PROJECT #2 (VP2980) (Continued) **S103228132**

Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

MN LS:

Link ID:	3434
EPA ID:	Not reported
MPCA ID:	VP2981
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

B20 **ST. PAUL FC PROJECT #2** **MN WIMN** **S120059742**
NW **FLOOD FRINGE-NEAR HOLMAN FIELD** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.070 mi.
369 ft. **Site 3 of 3 in cluster B**

Relative:
Higher

Actual:
700 ft.

WIMN:

Status:	Y
Latitude:	44.940601710000003
Longitude:	-93.071149879999993
Item ID:	189782-AISI0000189782
AI ID:	189782
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	189782
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup

ST. PAUL FC PROJECT #2 (Continued) **S120059742**

Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205db
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	db
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646082
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	VP2980; VP2981
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189782

C21 **MONARCH WOOD PRODUCTS INC** **RCRA NonGen / NLR** **1000626436**
SSW **276 CHESTER ST** **MND985712199**
< 1/8 **ST PAUL, MN 55107**
0.090 mi.
476 ft. **Site 1 of 10 in cluster C**

Relative:
Higher

Actual:
700 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/12/1998
Facility name:	MONARCH WOOD PRODUCTS INC
Facility address:	276 CHESTER ST ST PAUL, MN 55107
EPA ID:	MND985712199
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported

MONARCH WOOD PRODUCTS INC (Continued) **1000626436**

EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MONARACH WOOD PRODUCTS INC
Owner/operator address: 276 CHESTER ST
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1999
Owner/Op end date: Not reported

Owner/operator name: OHMANN PHILLIP AND ROGER
Owner/operator address: 1131 ALLEN AVE
WEST ST PAUL, MN 55118
Owner/operator country: Not reported
Owner/operator telephone: 612-455-0852
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/06/1991
Site name: MONARACH WOOD PRODUCTS INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D009
. Waste name: MERCURY

MONARCH WOOD PRODUCTS INC (Continued) **1000626436**

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

C22 **MONARACH WOOD PRODUCTS INC** **MN WIMN** **S110218491**
SSW **276 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.090 mi.
476 ft. **Site 2 of 10 in cluster C**

Relative: **Higher**

Actual: **700 ft.**

WIMN:

Status:	Y
Latitude:	44.9377651
Longitude:	-93.071037200000006
Item ID:	22896-AISI0000022896
AI ID:	22896
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	22896
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/26/1999

MONARACH WOOD PRODUCTS INC (Continued) **S110218491**

User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21521
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MND985712199
MPCA List:	MND985712199
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22896

WIMN:

Legislative District:	65B
Latitude:	44.93776511
Longitude:	-93.07103721
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985712199
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32057
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

C23 **MONARACH WOOD PRODUCTS INC** **RCRA-CESQG** **1004738162**
SSW **292 CHESTER ST** **MN WIMN** **MNR000061168**
< 1/8 **ST. PAUL, MN 55107**
0.107 mi.
566 ft. **Site 3 of 10 in cluster C**

Relative: **Higher**

Actual: **700 ft.**

RCRA-CESQG:

Date form received by agency:	08/18/1998
Facility name:	MONARCH WOOD PRODUCTS INC
Facility address:	292 CHESTER ST ST. PAUL, MN 55107
EPA ID:	MNR000061168
Contact:	PHILLIP OHMANN
Contact address:	292 CHESTER ST ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-222-3213
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

MONARCH WOOD PRODUCTS INC (Continued) **1004738162**

hazardous waste

Owner/Operator Summary:

Owner/operator name:	MONARCH WOOD PRODUCTS INC
Owner/operator address:	292 CHESTER ST ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	651-222-3213
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/26/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D000
. Waste name:	Not Defined

. Waste code:	D009
. Waste name:	MERCURY

. Waste code:	F005
. Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

WIMN:

Status:	Y
Latitude:	44.937508100000002
Longitude:	-93.071933799999996
Item ID:	22899-AISI0000022899
AI ID:	22899
Document ID:	0

MONARCH WOOD PRODUCTS INC (Continued) **1004738162**

Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	22899
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21524
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MNR000061168
MPCA List:	MNR000061168
Program List:	Hazardous Waste
Classification:	Showcase, Partition, Shelving, and Locker Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22899

WIMN:

Legislative District:	65B
Latitude:	44.93847694
Longitude:	-93.07184818
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000061168
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32060
Coordinate Collection Method:	Address Matching House Number
Status:	Active

D24 **MN DOA TRAVEL MANAGEMENT** **MN MANIFEST** **S119129775**
SSW **296 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.110 mi.
582 ft. **Site 1 of 10 in cluster D**

Relative:
Higher

Actual:
700 ft.

MANIFEST:

Manifest ID:	648726
Generator ID:	MNR000043265
Generator AI ID:	22742
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	SCD987574647
Transporter 2 AI ID:	32928
Transporter 2 AI Name:	Laidlaw Environmental Services Tg Inc
Transporter 2 Address:	350 Railroad St
Transporter 2 City:	Roebuck
Transporter 2 State:	SC
Transporter 2 ZIP:	29376-3122
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1999-12-15 00:00:00
Gen Ship Date:	1999-11-24 00:00:00
Trans 1 Recd Date:	1999-11-24 00:00:00
Trans 2 Recd Date:	12/2/1999 0:00:00
Tsd Recd Date:	1999-12-03 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
NAIC Code:	561599
NAIC Desc:	561599 - All Other Travel Arrangement and Reservation Services

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

Detail:

Manifest ID:	648726
Manifest Row:	1
Haz Material Name:	HAZARDOUS WASTE LIQUID NOS AQUEOUS BRAKE SOLUTION
Haz Class Number:	9
UN NA Number:	NA3082
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	690041
Generator ID:	MNR000043265
Generator AI ID:	22742
Transporter 1 ID:	SCR000075150
Transporter 1 AI ID:	60980
Transporter 1 AI Name:	Safety Kleen - Columbia SC
Transporter 1 Address:	1301 Gervais St Ste 1900
Transporter 1 City:	Columbia
Transporter 1 State:	SC
Transporter 1 ZIP:	29201-3335
Transporter 2 ID:	MNR000022947
Transporter 2 AI ID:	18008
Transporter 2 AI Name:	Nighthawk Transport Inc
Transporter 2 Address:	356 9th Ave Ste 301
Transporter 2 City:	Saint Paul Park
Transporter 2 State:	MN
Transporter 2 ZIP:	55071
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-07-24 00:00:00
Gen Ship Date:	2000-06-28 00:00:00
Trans 1 Recd Date:	2000-06-28 00:00:00
Trans 2 Recd Date:	7/6/2000 0:00:00
Tsd Recd Date:	2000-07-09 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

NAIC:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
NAIC Code:	561599
NAIC Desc:	561599 - All Other Travel Arrangement and Reservation Services

Detail:

Manifest ID:	690041
Manifest Row:	1
Haz Material Name:	HAZARDOUS WASTE LIQUID NOS AQUEOUS BRAKE SOLUTION
Haz Class Number:	9
UN NA Number:	NA3082
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	657441
Generator ID:	MNR000043265
Generator AI ID:	22742
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	SCR000074591
Transporter 2 AI ID:	59299
Transporter 2 AI Name:	Safety Kleen TG Inc
Transporter 2 Address:	1301 Gervais St Ste 300
Transporter 2 City:	Columbia
Transporter 2 State:	SC
Transporter 2 ZIP:	29201-3344
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-02-17 00:00:00
Gen Ship Date:	2000-01-28 00:00:00
Trans 1 Recd Date:	2000-01-28 00:00:00
Trans 2 Recd Date:	2/2/2000 0:00:00
Tsd Recd Date:	2000-02-03 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
NAIC Code:	561599
NAIC Desc:	561599 - All Other Travel Arrangement and Reservation Services

Detail:

Manifest ID:	657441
Manifest Row:	1
Haz Material Name:	HAZ WASTE LIQ NOS AQUEOUS BRAKE SOLUTION
Haz Class Number:	9
UN NA Number:	NA3082
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	649560
Generator ID:	MNR000043265
Generator AI ID:	22742
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	MNR000022947
Transporter 2 AI ID:	18008
Transporter 2 AI Name:	Nighthawk Transport Inc
Transporter 2 Address:	356 9th Ave Ste 301
Transporter 2 City:	Saint Paul Park
Transporter 2 State:	MN
Transporter 2 ZIP:	55071
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1999-10-26 00:00:00
Gen Ship Date:	1999-09-17 00:00:00

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

Trans 1 Recd Date:	1999-09-17 00:00:00
Trans 2 Recd Date:	9/24/1999 0:00:00
Tsd Recd Date:	1999-09-26 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
NAIC Code:	561599
NAIC Desc:	561599 - All Other Travel Arrangement and Reservation Services

Detail:

Manifest ID:	649560
Manifest Row:	1
Haz Material Name:	HAZ WASTE LIQ NOS AQUEOUS BRAKE SOLUTION
Haz Class Number:	9
UN NA Number:	NA3082
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	5
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	685489
Generator ID:	MNR000043265
Generator AI ID:	22742
Transporter 1 ID:	SCR000075150
Transporter 1 AI ID:	60980
Transporter 1 AI Name:	Safety Kleen - Columbia SC
Transporter 1 Address:	1301 Gervais St Ste 1900
Transporter 1 City:	Columbia
Transporter 1 State:	SC
Transporter 1 ZIP:	29201-3335
Transporter 2 ID:	SCR000074591
Transporter 2 AI ID:	59299
Transporter 2 AI Name:	Safety Kleen TG Inc
Transporter 2 Address:	1301 Gervais St Ste 300
Transporter 2 City:	Columbia
Transporter 2 State:	SC
Transporter 2 ZIP:	29201-3344
TSD ID:	ILD980613913
TSD AI ID:	37858

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-09-25 00:00:00
Gen Ship Date:	2000-08-29 00:00:00
Trans 1 Recd Date:	2000-08-29 00:00:00
Trans 2 Recd Date:	9/6/2000 0:00:00
Tsd Recd Date:	2000-09-07 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
NAIC Code:	561599
NAIC Desc:	561599 - All Other Travel Arrangement and Reservation Services

Detail:

Manifest ID:	685489
Manifest Row:	1
Haz Material Name:	HAZARDOUS WASTE LIQUID NOS AQUEOUS BRAKE SOLUTION
Haz Class Number:	9
UN NA Number:	NA3082
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	655763
Generator ID:	MNR000043265
Generator AI ID:	22742
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	MNR000022947

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

Transporter 2 AI ID:	18008
Transporter 2 AI Name:	Nighthawk Transport Inc
Transporter 2 Address:	356 9th Ave Ste 301
Transporter 2 City:	Saint Paul Park
Transporter 2 State:	MN
Transporter 2 ZIP:	55071
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-04-10 00:00:00
Gen Ship Date:	2000-03-23 00:00:00
Trans 1 Recd Date:	2000-03-23 00:00:00
Trans 2 Recd Date:	3/30/2000 0:00:00
Tsd Recd Date:	2000-04-02 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
NAIC Code:	561599
NAIC Desc:	561599 - All Other Travel Arrangement and Reservation Services

Detail:

Manifest ID:	655763
Manifest Row:	1
Haz Material Name:	HAZARDOUS WASTE LIQUID NOS AQUEOUS BRAKE SOLUTION
Haz Class Number:	9
UN NA Number:	NA3082
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	697967
Generator ID:	MNR000043265
Generator AI ID:	22742

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

Transporter 1 ID:	SCR000075150
Transporter 1 AI ID:	60980
Transporter 1 AI Name:	Safety Kleen - Columbia SC
Transporter 1 Address:	1301 Gervais St Ste 1900
Transporter 1 City:	Columbia
Transporter 1 State:	SC
Transporter 1 ZIP:	29201-3335
Transporter 2 ID:	MNR000022947
Transporter 2 AI ID:	18008
Transporter 2 AI Name:	Nighthawk Transport Inc
Transporter 2 Address:	356 9th Ave Ste 301
Transporter 2 City:	Saint Paul Park
Transporter 2 State:	MN
Transporter 2 ZIP:	55071
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2001-01-12 00:00:00
Gen Ship Date:	2000-12-14 00:00:00
Trans 1 Recd Date:	2000-12-14 00:00:00
Trans 2 Recd Date:	12/21/2000 0:00:00
Tsd Recd Date:	2000-12-30 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
NAIC Code:	561599
NAIC Desc:	561599 - All Other Travel Arrangement and Reservation Services

Detail:

Manifest ID:	697967
Manifest Row:	1
Haz Material Name:	AQUEOUS BRAKE SOLUTION
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMPF

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

Waste Qty:	8
Waste Units Code:	AD
Waste Code List:	D039
Manifest ID:	697967
Manifest Row:	2
Haz Material Name:	AQUEOUS PARTS WASHER SOLUTION
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	17
Waste Units Code:	Not reported
Waste Code List:	D039
Manifest ID:	670326
Generator ID:	MNR000043265
Generator AI ID:	22742
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	SCR000074591
Transporter 2 AI ID:	59299
Transporter 2 AI Name:	Safety Kleen TG Inc
Transporter 2 Address:	1301 Gervais St Ste 300
Transporter 2 City:	Columbia
Transporter 2 State:	SC
Transporter 2 ZIP:	29201-3344
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-06-05 00:00:00
Gen Ship Date:	2000-05-12 00:00:00
Trans 1 Recd Date:	2000-05-12 00:00:00
Trans 2 Recd Date:	5/22/2000 0:00:00
Tsd Recd Date:	2000-05-23 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	22742
Generator ID:	MNR000043265
Generator AI Name:	MN DOA Travel Management
Generator Contact:	General Contact
Contact Address:	296 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107

MN DOA TRAVEL MANAGEMENT (Continued) **S119129775**

Contact Email: Not reported
Contact Phone: 999-999-9999

NAIC:
Generator AI ID: 22742
Generator ID: MNR000043265
Generator AI Name: MN DOA Travel Management
NAIC Code: 561599
NAIC Desc: 561599 - All Other Travel Arrangement and Reservation Services

Detail:
Manifest ID: 670326
Manifest Row: 1
Haz Material Name: HAZARDOUS WASTE LIQUID NOS AQUEOUS BRAKE SOLUTION
Haz Class Number: 9
UN NA Number: NA3082
Packing Group Number: III
Container Qty: 1
Container Code: DMPF
Waste Qty: 4
Waste Units Code: AD
Waste Code List: D039

D25 **MN DOA TRAVEL MANAGEMENT** **RCRA NonGen / NLR** **1004737440**
SSW **296 CHESTER ST** **MNR000043265**
< 1/8 **ST. PAUL, MN 55107**
0.110 mi.
582 ft. **Site 2 of 10 in cluster D**

Relative: **Higher**
Actual: **700 ft.**

RCRA NonGen / NLR:
Date form received by agency: 01/31/2008
Facility name: MN DOA TRAVEL MANAGEMENT
Facility address: 296 CHESTER ST
ST. PAUL, MN 55107
EPA ID: MNR000043265
Contact: GENERAL CONTACT
Contact address: 296 CHESTER ST
ST. PAUL, MN 55107
Contact country: US
Contact telephone: 999-999-9999
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MN DOA TRAVEL MANAGEMENT
Owner/operator address: 296 CHESTER ST
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: 999-999-9999
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

MN DOA TRAVEL MANAGEMENT (Continued) **1004737440**

Owner/Operator Type: Operator
Owner/Op start date: 07/26/1999
Owner/Op end date: 01/31/2008

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

D26 **MN DOA TRAVEL MANAGEMENT** **MN TIER 2** **S108073937**
SSW **296 CHESTER ST** **MN WIMN** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.110 mi.
582 ft. **Site 3 of 10 in cluster D**

Relative: **Higher**
Actual: **700 ft.**

TIER 2:
Year: 2005
Facility Status: ACTIVE
Facility Phone: 6512969997
Facility Email: dave.rausch@state.mn.us
Facility Web: Not reported
Facility MNCP: Not reported
SIC Code: 5541
NAICS: Not reported
Dunn Brad Num: Not reported
Owner Name: Travel Management Division

MN DOA TRAVEL MANAGEMENT (Continued) **S108073937**

Owner Phone:	651-201-2516
Owner Address:	296 Chester Street
Owner City:	St Paul
Owner State:	MN
Owner Zip:	55107
Mailing Name:	STATE OF MINNESOTA - TRAVEL MANAGEMENT DIVISION
Mailing Street:	296 CHESTER ST
Mailing PO BOX:	Not reported
Mailing City/State/Zip:	ST. PAUL, MN 55107
Mailing Attn:	SUSAN KOOSMANN
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Dave Rausch
Title:	Fleet Maintenance Mgr
Signed Date:	2006-02-14
Attach Site Plan:	No
Attach Coord Abbr:	Yes
Attach Safeguard Info:	No
Attach ERP:	No
Hardcopy Attachments:	No
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	2006-02-14
FIPS County:	27062
Latitude/Longitude:	44.938362121582/93.0717163085938
User Name:	MNTMD
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700347
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	9628
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported

MN DOA TRAVEL MANAGEMENT (Continued) **S108073937**

Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9628
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	E85, 15-85% ETHANOL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Above ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported

MN DOA TRAVEL MANAGEMENT (Continued) **S108073937**

Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Contact:

Contact ID:	19256
Contact Type:	T2EC
Contact Name:	DAVE RAUSC
Contact Title:	Fleet Main
Sort Order:	1

WIMN:

Status:	N
Latitude:	44.937063600000002
Longitude:	-93.071002800000002
Item ID:	22742-AISI0000022742
AI ID:	22742
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	22742
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs

MN DOA TRAVEL MANAGEMENT (Continued) **S108073937**

Program List:	HW; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	01/31/2008
The Delta Spatial ID:	21502
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Hazardous Waste
MPCA ID:	Multiple IDs
MPCA List:	MNR000043265; TS0123784
Program List:	Hazardous Waste; Tanks
Classification:	All Other Travel Arrangement and Reservation Services
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22742

D27 **MN DOA TRAVEL MANAGEMENT** **MN AST** **A100270046**
SSW **296 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.110 mi.
582 ft. **Site 4 of 10 in cluster D**

Relative: **Higher**

Actual: **700 ft.**

AST:

AI ID:	22742
Tank Site ID:	TS0123784
Item ID:	22742-EQUI0000000001
SI Type:	Aboveground Storage Tank
Si Design:	1001
SI Description:	Not reported
Substance:	Ethanol Blends (E50-E89)
Compartment Number:	1
Wall Type:	Double
Overfill Prevention System:	AST None
Install Date:	1997-06-01 00:00:00

MN DOA TRAVEL MANAGEMENT (Continued) **A100270046**

Status Change Date:	1997-06-01 00:00:00
Material:	Carbon steel
Tank Status:	Active
Tanks Contractor:	Not reported
Capacity Gallon:	2000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner Name:	Mn Dept Of Administration
Owner Address:	296 Chester St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55107
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22742-TS0123784&programInterest=TS

C28 **ISD 625 TRANSPORTATION GARAGE** **MN LUST** **S107728931**
SW **261 CHESTER ST** **MN VIC** **N/A**
< 1/8 **SAINT PAUL, MN 55107** **MN BROWNFIELDS**
0.113 mi. **MN SPILLS**
597 ft. **Site 4 of 10 in cluster C** **MN ENF**
MN Financial Assurance
Relative: Higher **MN TIER 2**
MN WIMN
Actual: 700 ft. **MN NPDES**

LUST:

Item ID:	4789-AREA0000000001
MNPCA ID:	Not reported
AI ID:	4789
AI Name:	ISD 625 Transportation Garage
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Richard Newquist (no longer at MPCA)
Latitude:	44.93827332
Longitude:	-93.07239256
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4789
Leak Discovered:	5/26/1998
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Jamal Mansour
Site Closed:	11/3/1998
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Underground Storage Tank System
Leak Reported:	5/26/1998

Item ID:	4789-AREA0000000002
MNPCA ID:	Not reported
AI ID:	4789
AI Name:	ISD 625 Transportation Garage

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Roberta Wirth-Feeney (former)
Latitude:	44.93827332
Longitude:	-93.07239256
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4789
Leak Discovered:	10/24/2012
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Jamal Mansour
Site Closed:	1/23/2013
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Underground Storage Tank System
Leak Reported:	11/9/2012

VIC:

Facility ID:	VP5923
Facility Type:	Brownfield Site
Item ID:	187723-AREA0000000002
AI ID:	187723
AI Name:	Eaton Street Properties
Hydro:	Timothy Lockrem
Project Manager:	Gary Krueger
Latitude:	44.93886244
Longitude:	-93.0736991
Coord Collection Method:	GPS - Unknown
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187723
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/08/2014
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP5923
Facility Address 2:	Not reported
Core Program Interest ID:	71652531
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	True

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.3299999
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	PIN: 052822420011
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	PB4708, Koplitz/Rebecca
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	12/08/2014
Last Update Date:	12/16/2014
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP5923
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2014-12-08 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2014-12-15 00:00:00
Facid:	VP5923
Event:	1
Additional Information:	None Entered
Record Number:	39904

Date Started:	Not reported
Date End:	2015-02-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-02-02 00:00:00
Facid:	VP5923
Event:	1
Additional Information:	IRAP Approval Letter
Record Number:	40141

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512966139
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gary.krueger@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2014-12-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3317

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	0000000000
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2014-12-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441

Contact Type:	1
Company Name:	St. Paul Public Schools
Contact Address:	1930 Como Ave
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517441803
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	ted.sherman@spps.org
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2014-12-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Nova Consulting Group, Inc.
Contact Address:	1107 Hazeltine Boulevard, Suite 400
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9523618698
Contact Phone Ext:	Not reported
Contact Fax:	9524489572
Contact E-mail:	markperry@novaconsulting.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2014-12-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

BROWNFIELDS:

Site ID:	PB4708
Leak Num:	Not reported
Owner Name:	ISD 625
Leak Source:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	4789-AREA0000000003
AI ID:	4789
AI Name:	ISD 625 Transportation Garage
Site type:	Brownfield Site
Hydro:	Rebecca Higgins (former)
Project Manager:	Mark Koplitz (former)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4789
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/07/2016
Owner Address:	1930 Como Ave
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55108
Latitude:	44.93826982
Longitude:	-93.07240162

SPILLS:

Program ID:	71655340
Preferred ID:	91914
Incident ID:	91914
edr_fcity:	ST. PAUL
Incident Date:	7/17/2014
Program:	Emergency Management
Incident Types:	Spill or Release
Duty Officer Number:	146779
Lead Investigator:	Jim Stockinger
Incident Status:	Closed or Completed
Closure Type:	Response/Action Completed
AI ID source:	Not reported
Source name:	St Paul Public Schools
Source Address:	1930 Como Avenue
Source City:	St. Paul
Source State:	MN
Source ZIP:	55108
Substance:	Petroleum Other
Quantity:	Not reported
Units:	unknown
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	60839390
Facility Address 2:	Not reported
Spill Date:	03/22/2011

Program ID:	71655340

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Facility Address 2: Not reported
Spill Date: 07/17/2014

SPILLS:
Program ID: 71655340
Spill Inc Affected ID: 239366
Spill Inc Affected Code: 6
Tmsp Added: 12/15/2014 10:48:54
Tmsp Last Updated: 12/15/2014 10:48:54
Staff ID Last Update: JSTOCKI

SPILLS:
Program ID: 71655340
Spill Incident Accuracy ID: 239366
Spill Product Code: 34
Spill Qty Units: 15
Spill Incident Accuracy: 3
Spill Released Qty: Not reported
Tmsp Added: 12/15/2014 10:48:54
Tmsp Last Update: 12/15/2014 10:48:54
Staff ID Last Update: JSTOCKI

Program ID: 60839390
Preferred ID: 82001
Incident ID: 82001
edr_fcity: ST. PAUL
Incident Date: 3/22/2011
Program: Emergency Management
Incident Types: Transportation Accident - Saddle Tank
Duty Officer Number: 117816
Lead Investigator: Beth Oman
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: CHS Transportation Co.
Source Address: 3290 140th St E
Source City: Rosemount
Source State: MN
Source ZIP: 55068
Substance: Diesel Fuel
Quantity: 10
Units: gallons
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 60839390
Facility Address 2: Not reported
Spill Date: 03/22/2011

Program ID: 71655340
Facility Address 2: Not reported
Spill Date: 07/17/2014

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

SPILLS:
Program ID: 60839390
Spill Inc Affected ID: 218719
Spill Inc Affected Code: 14
Tmsp Added: 08/24/2011 17:06:48
Tmsp Last Updated: 08/24/2011 17:06:48
Staff ID Last Update: BOMAN

SPILLS:
Program ID: 60839390
Spill Incident Accuracy ID: 218719
Spill Product Code: 30
Spill Qty Units: 5
Spill Incident Accuracy: 1
Spill Released Qty: 10
Tmsp Added: 08/24/2011 17:06:48
Tmsp Last Update: 08/24/2011 17:06:48
Staff ID Last Update: BOMAN

MN Enforcement Log :
Facility ID: TS0012115
Violation: Not reported
Determined Date: Not reported
Determined By: Not reported
Responsible Agency: Not reported
RTC Date: Not reported
Enforcement Sequence: Not reported
Effective End Date: 06/17/2010
Enforcement Type: Citation Warning
Lead Agency: Not reported
Sequence: Not reported
AI ID: 4789
Activity ID: NON20100001
Public Flag: Y
Latitude: 44.9382733
Longitude: -93.0723925
Coord Collect Meth Desc: Digitized - MPCA internal mapping application
Mailing Address1: 1930 Como Ave
Mailing City Name: Saint Paul
Mailing State Code: MN
Mailing Zip Code: 55108
Responsible Party: Federal Express Corp (Memphis, TN); Joe Pieroni (St. Paul, MN)
Zero Date: 06/09/2010
Case Closed: 7/8/2010
Case Lead: Benjamin Palmquist
Attorney Assigned: Not reported
Lead Program: Underground Tanks
Multimedia: N
Multimedia Desc: N
SEP Amount: Not reported
Calculated: Not reported
Citation: Not reported
Civil: Not reported
Forgivable: Not reported
Incurred - Administrative: Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

MN Financial Assurance 1:

PROGRAM ID:	200977
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	270738
Interest Telephone:	6512917965
Preferred ID:	12115
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	07/23/1992
TMSP Last Update:	08/31/2006 13:54:19
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	200977
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	18110
Interest Telephone:	NO CORE PI PH.
Preferred ID:	12115
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	08/31/2006
TMSP Last Update:	03/07/2007 08:21:42
Staff ID Last Update:	JHENRY
Source:	CORE
Source ID:	7918
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	60839390
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	270738
Interest Telephone:	Not reported
Preferred ID:	82001

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Interest Start Date:	08/24/2011
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	08/24/2011
TMSP Last Update:	08/24/2011 17:06:48
Staff ID Last Update:	BOMAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Caller reporting driver error pulling product from tank during fuel loading operation. Pads used to clean with flor dri.

PROGRAM ID:	64485850
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	18110
Interest Telephone:	NO CORE PI PH.
Preferred ID:	19015
Interest Start Date:	01/04/2013
Interest End Date:	09/23/2013
Activity Flag:	N
TMSP Added:	01/04/2013
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	7918
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	71655340
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	71655341
Interest Telephone:	Not reported
Preferred ID:	91914
Interest Start Date:	12/15/2014
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/15/2014
TMSP Last Update:	12/15/2014 10:48:54
Staff ID Last Update:	JSTOCKI
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Caller reporting soil contamination discovered during a phase II. Area is within the former State Street Dump site and contamination most

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

likely related. Leak numbers 11333 and 19015 exist for site. Site in near Mississippi River.PAH and heavy metal along with DRO of 340 ppm soil, 2900 ppb water. The will be enrolling in Brownfield Program.

PROGRAM ID:	71673391
Township Name:	Not reported
Region:	1
Interest Type:	Petroleum Brownfield
ADDR ID:	18110
Interest Telephone:	NO CORE PI PH.
Preferred ID:	4708
Interest Start Date:	12/16/2014
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	12/16/2014
TMSP Last Update:	01/30/2015 14:31:02
Staff ID Last Update:	MKOPLIT
Source:	CORE
Source ID:	7918
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	200977
Lat/Long ID:	1
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	16.13303883
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	21.03255436
Collection Date:	02/16/2007 00:00:00
Lat/Long Description:	Main Site Building
TMSP Added:	02/21/2007 13:03:16
TMSP Last Update:	01/18/2013 11:32:34
Staff ID Last Update:	SFRYE
Coord Source Type:	2
Org Name Source:	Shirley Smith
Coord Coll Meth:	G6
Map Scale Code:	Not reported
Source:	TALES
Site ID:	7918
Spatial ID:	51387718

Program Id:	200977
Lat/Long ID:	69252
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	17.78
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	20.61
Collection Date:	01/18/2013 11:23:32
Lat/Long Description:	Site along road used for address match

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

TMSP Added:	10/24/2001 00:00:00
TMSP Last Update:	01/18/2013 11:23:33
Staff ID Last Update:	MAPTOOL
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	DM
Map Scale Code:	N
Source:	CORE
Site ID:	7918
Spatial ID:	51387718

Tab Site:

Program Id:	200977
Facility Code:	37
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	07/21/1988 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

Latitude Longitude:

Program Id:	71673391
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	01/21/2015 15:32:38
TMSP Last Update:	01/21/2015 15:32:38
Staff ID Last Update:	MKOPLIT
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	7918
Spatial ID:	71673392

Program Id:	71673391
Lat/Long ID:	69252
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	17.78
Longitude Degrees:	-93
Longitude Minutes:	4

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Longitude Seconds:	20.61
Collection Date:	01/18/2013 11:23:32
Lat/Long Description:	Site along road used for address match
TMSP Added:	10/24/2001 00:00:00
TMSP Last Update:	01/18/2013 11:23:33
Staff ID Last Update:	MAPTOOL
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	DM
Map Scale Code:	N
Source:	CORE
Site ID:	7918
Spatial ID:	71673392

Staff Name:

Program Id:	71673391
Staff Sequence ID:	167931
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/16/2014 10:56:05
TMSP Last Update:	12/16/2014 10:56:05
Staff ID Last Update:	SVANPAT
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3311

Program Id:	71673391
Staff Sequence ID:	167932
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/16/2014 10:56:05
TMSP Last Update:	12/16/2014 10:56:05
Staff ID Last Update:	SVANPAT
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	9777

Latitude Longitude:

Program Id:	64485850
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Main Site Building
TMSP Added:	01/07/2013 09:44:44
TMSP Last Update:	01/18/2013 11:32:53

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Staff ID Last Update:	SFRYE
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	7918
Spatial ID:	64485851

Program Id:	64485850
Lat/Long ID:	69252
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	17.78
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	20.61
Collection Date:	01/18/2013 11:23:32
Lat/Long Description:	Site along road used for address match
TMSP Added:	10/24/2001 00:00:00
TMSP Last Update:	01/18/2013 11:23:33
Staff ID Last Update:	MAPTOOL
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	DM
Map Scale Code:	N
Source:	CORE
Site ID:	7918
Spatial ID:	64485851

Staff Name:

Program Id:	64485850
Staff Sequence ID:	154183
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	01/04/2013 15:14:02
TMSP Last Update:	01/04/2013 15:14:02
Staff ID Last Update:	BSCHULL
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	306

TIER 2:

Year:	2011
Facility Status:	ACTIVE
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	4513
NAICS:	49211
Dunn Brad Num:	Not reported
Contact Type:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700339
Own Country:	Not reported
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	UNKNOWN
Status 312:	UNKNOWN
Emergency Contact Name1:	JIM HALBERT
Emergency Contact Name2:	TIMOTHY JACKSON JR
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	6125810867
Emergency Contact 24hr Phone2:	9012466017
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
Dunn Brad Num:	Not reported
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Site Plan:	No
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Facility Id:	13604
CAS Number:	68476302
Chemical Id:	31935
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	SOUTH SIDE OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	13604
Chemical Desc ID:	31935
CAS No:	68476302
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	75000
Avg Daily Amt Exact:	75000
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	31935
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Storage Location:	SOUTH SIDE OF BUILDING
Storage ID:	155793
Storage Confidential:	No

Facility Id:	620700339
CAS Number:	68476-30-2
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	B14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Contact:

Contact ID:	27190
Contact Type:	T2EC

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Contact Name:	JIM HALBER
Contact Title:	SENIOR MAN
Sort Order:	1

Contact:

Contact ID:	27191
Contact Type:	T2EC
Contact Name:	TIMOTHY JA
Contact Title:	SR ENVIRON
Sort Order:	2

WIMN:

Status:	Y
Latitude:	44.938273299999999
Longitude:	-93.072392500000007
Item ID:	4789-AISI0000004789
AI ID:	4789
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	4789
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; ST; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	02822205d
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	d
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	04/25/2016
Timestamp of Creation:	06/26/1998
User Name of Creator:	DELTA_M_R1

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

Timestamp of Last Update:	12/07/2016
User Name of Last Update:	vsetter
Status Date:	Not reported
The Delta Spatial ID:	5308
Activity:	Multiple Activities
Activity List:	Brownfields, Petroleum Brownfield; Hazardous Waste; Industrial Stormwater; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0011333; LS0019015; MND985738780; MNR0535G5; PB4708; TS0012115
Program List:	Hazardous Waste; Investigation and Cleanup; Stormwater; Tanks
Classification:	Couriers and Express Delivery Services; Elementary and Secondary Schools
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4789

NPDES:

Envid:	S107728931
Facility Name:	ISD 625 TRANSPORTATION GARAGE
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR0535G5
Preferred ID:	Not reported
Activity Sys ID:	4789
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	09/07/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9382733
Longitude Degree:	-93.0723925
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Fedex
Owner Organization Type:	Not reported
Permit Sys ID:	98016
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	1
Activity Description:	Air cargo transport (Waterbody <1 Mile? N.)
No Exposure:	No
One Mile:	Not reported
Permit Type:	Industrial Stormwater Permit
Sector List:	P, S
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S107728931**

HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

C29 **ISD 625 TRANSPORTATION GARAGE** **MN UST** **U003961500**
SW **261 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.113 mi.
597 ft. **Site 5 of 10 in cluster C**

Relative: **Higher**

Actual: **700 ft.**

UST:

Item Compart ID:	4789-EQUI0000000001-1
AI ID:	4789
Tank Site ID:	TS0012115
Item ID:	4789-EQUI0000000001
SI Type:	Underground Storage Tank System
SI Design:	002
SI Description:	Not reported
Compartment Number:	1
Substance:	Used or waste oil
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1988-04-25 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1998-04-29 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	560
Longitude:	-93.07220206
Latitude:	44.93932318

ISD 625 TRANSPORTATION GARAGE (Continued) **U003961500**

Coord Collection Method:	Address Matching House Number
Owner:	Jamal Mansour
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4789-TS0012115&programInterest=TS

Item Compart ID:	4789-EQUI0000000002-1
AI ID:	4789
Tank Site ID:	TS0012115
Item ID:	4789-EQUI0000000002
SI Type:	Underground Storage Tank System
SI Design:	001
SI Description:	Not reported
Compartment Number:	1
Substance:	Diesel
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1988-04-25 00:00:00
Material:	Fiberglass
Status Change Date:	2012-10-24 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	10000
Longitude:	-93.07220206
Latitude:	44.93932318
Coord Collection Method:	Address Matching House Number
Owner:	Jamal Mansour
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4789-TS0012115&programInterest=TS

C30 **ISD 625 TRANSPORTATION GARAGE** **MN MANIFEST** **S119129120**
SW **261 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.113 mi.
597 ft. **Site 6 of 10 in cluster C**

Relative: MANIFEST:
Higher

Actual: Manifest ID:	696735
700 ft. Generator ID:	MND985738780
Generator AI ID:	4789
Transporter 1 ID:	SCR000075150
Transporter 1 AI ID:	60980
Transporter 1 AI Name:	Safety Kleen - Columbia SC
Transporter 1 Address:	1301 Gervais St Ste 1900
Transporter 1 City:	Columbia
Transporter 1 State:	SC
Transporter 1 ZIP:	29201-3335
Transporter 2 ID:	SCR000074591
Transporter 2 AI ID:	59299
Transporter 2 AI Name:	Safety Kleen TG Inc
Transporter 2 Address:	1301 Gervais St Ste 300
Transporter 2 City:	Columbia
Transporter 2 State:	SC

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Transporter 2 ZIP:	29201-3344
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-08-04 00:00:00
Gen Ship Date:	2000-07-13 00:00:00
Trans 1 Recd Date:	2000-07-13 00:00:00
Trans 2 Recd Date:	7/18/2000 0:00:00
Tsd Recd Date:	2000-07-18 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services
Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	696735
Manifest Row:	1
Haz Material Name:	HAZARDOUS WASTE LIQUID NOS AQUEOUS BRAKE SOLUTION
Haz Class Number:	9
UN NA Number:	NA3082
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039
Manifest ID:	667655
Generator ID:	MND985738780

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Generator AI ID:	4789
Transporter 1 ID:	SCR000075150
Transporter 1 AI ID:	60980
Transporter 1 AI Name:	Safety Kleen - Columbia SC
Transporter 1 Address:	1301 Gervais St Ste 1900
Transporter 1 City:	Columbia
Transporter 1 State:	SC
Transporter 1 ZIP:	29201-3335
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-06-01 00:00:00
Gen Ship Date:	2000-05-30 00:00:00
Trans 1 Recd Date:	2000-05-30 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2000-05-30 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	667655

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML
Waste Qty:	17
Waste Units Code:	AD
Waste Code List:	D008,D018,D039,D040

Manifest ID:	547642
Generator ID:	MND985738780
Generator AI ID:	4789
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1996-02-05 00:00:00
Gen Ship Date:	1996-02-01 00:00:00
Trans 1 Recd Date:	1996-02-01 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1996-02-01 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547642
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	14
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	547643
Generator ID:	MND985738780
Generator AI ID:	4789
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	7/5/1994 0:00:00
Fac Copy Recd Date:	1994-03-31 00:00:00
Gen Ship Date:	1994-03-28 00:00:00
Trans 1 Recd Date:	1994-03-28 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1994-03-28 00:00:00
Comments:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547643
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	18
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	547644
Generator ID:	MND985738780
Generator AI ID:	4789
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	4/14/1998 0:00:00
Fac Copy Recd Date:	1998-04-09 00:00:00
Gen Ship Date:	1998-04-06 00:00:00
Trans 1 Recd Date:	1998-04-06 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1998-04-06 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547644
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	18
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	547645
Generator ID:	MND985738780
Generator AI ID:	4789

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	8/4/1992 0:00:00
Fac Copy Recd Date:	1992-07-31 00:00:00
Gen Ship Date:	1992-07-29 00:00:00
Trans 1 Recd Date:	1992-07-29 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-07-30 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services
Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547645
Manifest Row:	1

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Haz Material Name:	COMBUSTIBLE LIQUID, NOS
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	110
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	547646
Generator ID:	MND985738780
Generator AI ID:	4789
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	6/29/1992 0:00:00
Fac Copy Recd Date:	1992-06-17 00:00:00
Gen Ship Date:	1992-06-15 00:00:00
Trans 1 Recd Date:	1992-06-15 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-06-16 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Generator ID: MND985738780
Generator AI Name: ISD 625 Transportation Garage
NAIC Code: 492110
NAIC Desc: 492110 - Couriers and Express Delivery Services

Generator AI ID: 4789
Generator ID: MND985738780
Generator AI Name: ISD 625 Transportation Garage
NAIC Code: 611110
NAIC Desc: 611110 - Elementary and Secondary Schools

Detail:
Manifest ID: 547646
Manifest Row: 1
Haz Material Name: PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number: Not reported
UN NA Number: UN1255
Packing Group Number: Not reported
Container Qty: 1
Container Code: DMML
Waste Qty: 113
Waste Units Code: IB
Waste Code List: D001

Manifest ID: 547647
Generator ID: MND985738780
Generator AI ID: 4789
Transporter 1 ID: ILD984908202
Transporter 1 AI ID: 37702
Transporter 1 AI Name: Safety Kleen Corp
Transporter 1 Address: 1000 N Randall Rd
Transporter 1 City: Elgin
Transporter 1 State: IL
Transporter 1 ZIP: 60123-2318
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported
Transporter 2 ZIP: Not reported
TSD ID: MND981953045
TSD AI ID: 37851
TSD AI Name: Safety-Kleen Systems Inc - Blaine
TSD Address: 9261 Isanti St NE
TSD City: Blaine
TSD State: MN
TSD Zip: 55449
Gen Copy Recd Date: 1/20/1998 0:00:00
Fac Copy Recd Date: 1997-12-22 00:00:00
Gen Ship Date: 1997-12-11 00:00:00
Trans 1 Recd Date: 1997-12-11 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 1997-12-15 00:00:00
Comments: Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547647
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	15
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	547648
Generator ID:	MND985738780
Generator AI ID:	4789
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	7/5/1994 0:00:00
Fac Copy Recd Date:	1994-06-01 00:00:00
Gen Ship Date:	1994-05-27 00:00:00
Trans 1 Recd Date:	1994-05-27 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1994-05-27 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547648
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	17
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	547649
Generator ID:	MND985738780
Generator AI ID:	4789

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	11/17/1997 0:00:00
Fac Copy Recd Date:	1996-05-23 00:00:00
Gen Ship Date:	1996-05-21 00:00:00
Trans 1 Recd Date:	1996-05-21 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1996-05-21 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services
Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547649
Manifest Row:	1

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	16
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	547650
Generator ID:	MND985738780
Generator AI ID:	4789
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	11/4/1992 0:00:00
Fac Copy Recd Date:	1992-09-16 00:00:00
Gen Ship Date:	1992-09-14 00:00:00
Trans 1 Recd Date:	1992-09-14 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-09-15 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
Generator Contact:	Ted Sherman
Contact Address:	1930 Como Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55108
Contact Email:	ted.sherman@spps.org
Contact Phone:	651-744-1803

NAIC:

Generator AI ID:	4789

ISD 625 TRANSPORTATION GARAGE (Continued) **S119129120**

Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	492110
NAIC Desc:	492110 - Couriers and Express Delivery Services
Generator AI ID:	4789
Generator ID:	MND985738780
Generator AI Name:	ISD 625 Transportation Garage
NAIC Code:	611110
NAIC Desc:	611110 - Elementary and Secondary Schools

Detail:

Manifest ID:	547650
Manifest Row:	1
Haz Material Name:	MINERAL SPIRITS, COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	111
Waste Units Code:	IB
Waste Code List:	D001

Click this hyperlink while viewing on your computer to access
34 additional MN MANIFEST: record(s) in the EDR Site Report.

C31 **FEDERAL EXPRESS CORP - ST PAUL** **RCRA-CESQG** **1004733058**
SW **261 CHESTER ST** **MND985738780**
< 1/8 **ST. PAUL, MN 55107**
0.113 mi.
597 ft. **Site 7 of 10 in cluster C**

Relative:
Higher

Actual:
700 ft.

RCRA-CESQG:

Date form received by agency:	04/16/1992
Facility name:	FEDERAL EXPRESS CORP - ST PAUL
Facility address:	261 CHESTER ST ST. PAUL, MN 55107
EPA ID:	MND985738780
Contact:	BARBARA HENNING
Contact address:	261 CHESTER ST ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-291-7747
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

FEDERAL EXPRESS CORP - ST PAUL (Continued) **1004733058**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	FEDERAL EXPRESS CORP
Owner/operator address:	2005 CORPORATE AVE MEMPHIS, TN 38132
Owner/operator country:	US
Owner/operator telephone:	651-291-7747
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/14/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

FEDERAL EXPRESS CORP - ST PAUL (Continued) **1004733058**

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

C32 **FED EX** **MN SRS** **S122370963**
SW **261 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.113 mi.
597 ft. **Site 8 of 10 in cluster C**

Relative:
Higher

Actual:
700 ft.

SRS:

Facility ID:	PB4708
Item ID:	4789-AREA0000000003
AI ID:	4789
AI Name:	ISD 625 Transportation Garage
Facility Type:	Brownfield Site
Hydro:	Rebecca Higgins (former)
Project Manager:	Mark Koplitz (former)
Latitude:	44.93826982
Longitude:	-93.07240162
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4789
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/07/2016
Owner:	ISD 625
Owner Address:	1930 Como Ave
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55108
Acreage:	2.3
BPET:	Y
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20140001
Act Desc:	Brownfield Site
Status:	Closed

C33 **FEDEX ST. PAUL FACILITY** **MN SRS** **S122370927**
SW **261 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.113 mi.
597 ft. **Site 9 of 10 in cluster C**

Relative: **Higher**
Actual: **700 ft.**

SRS:

Facility ID:	LS0019015
Item ID:	4789-AREA0000000002
AI ID:	4789
AI Name:	ISD 625 Transportation Garage
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Roberta Wirth-Feeney (former)
Latitude:	44.93827332
Longitude:	-93.07239256
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4789
Leak Discovered:	10/24/2012
Leak Reported:	11/09/2012
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/23/2013
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20120001
Act Desc:	Leak Site Investigation
Status:	Closed

C34 **FEDERAL EXPRESS** **MN SRS** **S122370907**
SW **261 CHESTER ST** **N/A**
< 1/8 **SAINT PAUL, MN 55107**
0.113 mi.
597 ft. **Site 10 of 10 in cluster C**

Relative: **Higher**
Actual: **700 ft.**

SRS:

Facility ID:	LS0011333
Item ID:	4789-AREA0000000001
AI ID:	4789
AI Name:	ISD 625 Transportation Garage
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Richard Newquist (no longer at MPCA)
Latitude:	44.93827332
Longitude:	-93.07239256

FEDERAL EXPRESS (Continued) **S122370907**

Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4789
Leak Discovered:	05/26/1998
Leak Reported:	05/26/1998
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/03/1998
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Leak Site Investigation
Status:	Closed

35
West
< 1/8
0.118 mi.
625 ft.

BELL COLD STORAGE
250 CHESTER ST
SAINT PAUL, MN 55107

MN LUST **S101428693**
MN SRS **N/A**
MN Financial Assurance
MN WIMN

Relative:
Higher

Actual:
700 ft.

LUST:

Item ID:	194635-AREA0000000001
MNPCA ID:	Not reported
AI ID:	194635
AI Name:	Bell Cold Storage
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Edwin Balcos (no longer at MPCA)
Latitude:	44.93961881
Longitude:	-93.07225093
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194635
Leak Discovered:	3/2/1995
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	5/18/1995
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported

BELL COLD STORAGE (Continued) **S101428693**

Owner ZIP: Not reported
SI Type: Not reported
Leak Reported: 3/3/1995

SRS:
Facility ID: LS0008219
Item ID: 194635-AREA0000000001
AI ID: 194635
AI Name: Bell Cold Storage
Facility Type: Leak Site
Hydro: Not reported
Project Manager: Edwin Balcos (no longer at MPCA)
Latitude: 44.93961881
Longitude: -93.07225093
Coord Collection Method: Address Matching House Number
Migrated: Not reported
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194635
Leak Discovered: 03/02/1995
Leak Reported: 03/03/1995
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 05/18/1995
Owner: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner ZIP: Not reported
Acreage: Not reported
BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW19950001
Act Desc: Leak Site Investigation
Status: Closed

MN Financial Assurance 1:
PROGRAM ID: 220799
Township Name: Not reported
Region: 1
Interest Type: Deleted Leak Site
ADDR ID: 267815
Interest Telephone: Not reported
Preferred ID: 8219
Interest Start Date: 03/11/1997
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 12/04/1999
TMSP Last Update: 11/21/2006 08:01:39
Staff ID Last Update: RSUCHAN

BELL COLD STORAGE (Continued) **S101428693**

Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported
PROGRAM ID:	220799
Township Name:	White Bear
Region:	1
Interest Type:	Leak Site
ADDR ID:	267815
Interest Telephone:	NO CORE PI PH.
Preferred ID:	8219
Interest Start Date:	03/11/1997
Interest End Date:	11/21/2006
Activity Flag:	N
TMSP Added:	11/21/2006
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	244339
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	220799
Lat/Long ID:	6862
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	16.9067
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	19.298
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:10
TMSP Last Update:	08/03/2004 12:34:10
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	TALES
Site ID:	244339
Spatial ID:	51821331
Program Id:	220799
Lat/Long ID:	131844
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	16.9
Longitude Degrees:	-93

BELL COLD STORAGE (Continued) **S101428693**

Longitude Minutes:	4
Longitude Seconds:	19.31
Collection Date:	03/30/2010 19:00:16
Lat/Long Description:	Not reported
TMSP Added:	11/21/2006 08:01:47
TMSP Last Update:	03/30/2010 19:28:27
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	244339
Spatial ID:	51821331

Staff Name:

Program Id:	220799
Staff Sequence ID:	4811
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:01
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	2250

Program Id:	220799
Staff Sequence ID:	20047
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:17
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	2733

WIMN:

Status:	Y
Latitude:	44.939618809999999
Longitude:	-93.072250929999996
Item ID:	194635-AISI0000194635
AI ID:	194635
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	194635
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported

BELL COLD STORAGE (Continued) **S101428693**

Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/28/2016
Timestamp of Creation:	11/21/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	06/28/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	51821330
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0008219
MPCA List:	LS0008219
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194635

WIMN:

Legislative District:	65B
Latitude:	44.93961075
Longitude:	-93.07224313
Activity:	Leak Site
MPCA ID:	8219
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=244339
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

E36
WNW
< 1/8
0.123 mi.
649 ft.

ATLAS COLD STORAGE USA INC
240 CHESTER ST
SAINT PAUL, MN 55107

Site 1 of 7 in cluster E

MN SPILLS **S107727293**
MN Financial Assurance **N/A**
MN TIER 2
MN WIMN

Relative:
Higher

Actual:
700 ft.

SPILLS:

Program ID:	180701
Preferred ID:	23040
Incident ID:	23040
edr_fcity:	ST. PAUL
Incident Date:	2/22/1996
Program:	Emergency Management
Incident Types:	Transportation Accident - Saddle Tank
Duty Officer Number:	Not reported
Lead Investigator:	Richard Kable
Incident Status:	Closed or Completed
Closure Type:	Response/Action Completed
AI ID source:	Not reported
Source name:	ARNOLD ANDERSON TRUCKING
Source Address:	Not reported
Source City:	Not reported
Source State:	Not reported
Source ZIP:	Not reported
Substance:	Diesel Fuel
Quantity:	50
Units:	gallons
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	414375
Facility Address 2:	Not reported
Spill Date:	12/04/2006

Program ID:	180701
Facility Address 2:	Not reported
Spill Date:	02/22/1996

SPILLS:

Program ID:	180701
Spill Action ID:	45023
Spill Action Code:	1
Spill Action Person:	Not reported
Spill Action Date:	Not reported
Tmsp Added:	10/10/1999 11:05:03
Tmsp Last Update:	05/04/2002 07:11:51
Staff ID Last Update:	TANKS

SPILLS:

Program ID:	180701
Spill Inc Affected ID:	54113
Spill Inc Affected Code:	7
Tmsp Added:	10/10/1999 11:05:05
Tmsp Last Updated:	05/04/2002 07:11:51
Staff ID Last Update:	TANKS

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

SPILLS:
Program ID: 180701
Spill Incident Accuracy ID: 74755
Spill Product Code: 30
Spill Qty Units: 5
Spill Incident Accuracy: 1
Spill Released Qty: 50
Tmsp Added: 10/10/1999 11:05:08
Tmsp Last Update: 05/04/2002 07:11:51
Staff ID Last Update: TANKS

Program ID: 414375
Preferred ID: 68835
Incident ID: 68835
edr_fcity: ST. PAUL
Incident Date: 12/4/2006
Program: Emergency Management
Incident Types: Spill or Release
Duty Officer Number: 86100
Lead Investigator: Steve Leppala
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: Atlas Cold Storage - St. Paul
Source Address: 240 Chester St
Source City: St. Paul
Source State: MN
Source ZIP: Not reported
Substance: Diesel Fuel
Quantity: 10
Units: gallons
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 414375
Facility Address 2: Not reported
Spill Date: 12/04/2006

Program ID: 180701
Facility Address 2: Not reported
Spill Date: 02/22/1996

SPILLS:
Program ID: 414375
Spill Inc Affected ID: 188790
Spill Inc Affected Code: 14
Tmsp Added: 01/16/2007 10:11:54
Tmsp Last Updated: 01/16/2007 10:11:54
Staff ID Last Update: SLEPPAL

SPILLS:
Program ID: 414375
Spill Incident Accuracy ID: 188790

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Spill Product Code:	30
Spill Qty Units:	5
Spill Incident Accuracy:	1
Spill Released Qty:	10
Tmsp Added:	01/16/2007 10:11:54
Tmsp Last Update:	01/16/2007 10:11:54
Staff ID Last Update:	SLEPPAL

MN Financial Assurance 1:

PROGRAM ID:	180701
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	248734
Interest Telephone:	Not reported
Preferred ID:	23040
Interest Start Date:	10/10/1999
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	10/10/1999
TMSP Last Update:	05/04/2002 07:11:51
Staff ID Last Update:	TANKS
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	TRUCK RAN OVER DEEP SNOW AND PUNCTURED FUEL TANK

PROGRAM ID:	414375
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	528248
Interest Telephone:	Not reported
Preferred ID:	68835
Interest Start Date:	01/16/2007
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	01/16/2007
TMSP Last Update:	01/16/2007 10:11:54
Staff ID Last Update:	SLEPPAL
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Caller reporting some type of equipment failure on truck has caused spill to ground in parking lot. WCEC has been contacted to clean.

TIER 2:

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
Dunn Brad Num:	Not reported
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Site Plan:	No
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Year:	2005
Facility Status:	ACTIVE
Facility Phone:	6512270741
Facility Email:	lane.thor@state.mn.us
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC Code:	4222

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

NAICS:	Not reported
Dunn Brad Num:	Not reported
Owner Name:	JOHN BRISSON
Owner Phone:	6512270741
Owner Address:	240 CHESTER
Owner City:	SAINT PAUL
Owner State:	MN
Owner Zip:	55107
Mailing Name:	ATLAS COLD STORAGE
Mailing Street:	240 CHESTER ST
Mailing PO BOX:	Not reported
Mailing City/State/Zip:	ST. PAUL, MN 55107
Mailing Attn:	JOHN BRISSON
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	JOHN BRISSON
Title:	CHIEF ENGINEER
Signed Date:	2006-04-19
Attach Site Plan:	Yes
Attach Coord Abbr:	Yes
Attach Safeguard Info:	No
Attach ERP:	No
Hardcopy Attachments:	No
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	2006-04-19
FIPS County:	27062
Latitude/Longitude:	44.9410629272461/93.0716857910156
User Name:	atlastiertwo
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700007
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	620700007
CAS Number:	7664-93-9
Chemical Id:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Chemical Name:	SULFURIC ACID
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	R14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	620700007
CAS Number:	7664-41-7
Chemical Id:	Not reported
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	A25
How Chemical Is Stored:	C26
How Chemical Is Stored:	C36
How Chemical Is Stored:	C25

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

How Chemical Is Stored:	C24
How Chemical Is Stored:	C25
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	620700007
CAS Number:	7439-92-1
Chemical Id:	Not reported
Chemical Name:	LEAD
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	R14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9294
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9294
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9294
CAS Number:	7439921
Chemical Id:	8408
Chemical Name:	LEAD
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8408
CAS No:	7439921
Chemical Name:	LEAD
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	No
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	75000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8408
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42046
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	A
Storage Pressure Class:	2

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Temperature Class:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

MSDS Attachment ID: No

Storage:

Storage Chem Desc ID: 5597
Storage Container Type: A
Storage Pressure: 2
Storage Temp: 5
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27991
Storage Confidential: No

Storage Chem Desc ID: 5597
Storage Container Type: C
Storage Pressure: 2
Storage Temp: 5
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27992
Storage Confidential: No

Storage Chem Desc ID: 5597
Storage Container Type: C
Storage Pressure: 2
Storage Temp: 6
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27993
Storage Confidential: No

Storage Chem Desc ID: 5597
Storage Container Type: C
Storage Pressure: 3
Storage Temp: 6
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27994
Storage Confidential: No

Facility Id: 9294
CAS Number: 7664417
Chemical Id: 5597
Chemical Name: AMMONIA, ANHYDROUS
EHS Name: AMMONIA (ANHYDROUS)
Is EHS: Yes
Is EHS More than TPQ: Yes
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 4
Avg Daily Amt Code: 4
Storage Container Type: C
Storage Pressure Class: 3
Storage Temperature Class: 6
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664939
Chemical Id:	8407
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8407
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	Yes
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	25000
Avg Daily Amt Exact:	25000
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8407
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42041
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Facility Id:	9294
CAS Number:	7439921
Chemical Id:	8408
Chemical Name:	LEAD
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8408
CAS No:	7439921
Chemical Name:	LEAD
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	Yes

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	No
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	75000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8408
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42046
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	ROOFTOP- ENGINE ROOM,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664939
Chemical Id:	8407
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8407
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	Yes
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	25000
Avg Daily Amt Exact:	25000
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8407
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42041
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	3
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	A
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	ROOFTOP- ENGINE ROOM 1,
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Pressure Class:	2
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	A
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	ROOFTOP- ENGINE ROOM 1,
Is Storage Confidential Location:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

EHS More Than TPQ: Yes
MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 5597
Storage Container Type: A
Storage Pressure: 2
Storage Temp: 5
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27991
Storage Confidential: No

Storage Chem Desc ID: 5597
Storage Container Type: C
Storage Pressure: 2
Storage Temp: 5
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27992
Storage Confidential: No

Storage Chem Desc ID: 5597
Storage Container Type: C
Storage Pressure: 2
Storage Temp: 6
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27993
Storage Confidential: No

Storage Chem Desc ID: 5597
Storage Container Type: C
Storage Pressure: 3
Storage Temp: 6
Storage Location: ROOFTOP- ENGINE ROOMS 1,2
Storage ID: 27994
Storage Confidential: No

Facility Id: 9294
CAS Number: 7664417
Chemical Id: 5597
Chemical Name: AMMONIA, ANHYDROUS
EHS Name: AMMONIA (ANHYDROUS)
Is EHS: Yes
Is EHS More than TPQ: Yes
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 4
Avg Daily Amt Code: 4
Storage Container Type: C
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: ENGINE ROOM,2
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664939
Chemical Id:	8407
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8407
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	Yes
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	25000
Avg Daily Amt Exact:	25000
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8407
Storage Container Type:	R
Storage Pressure:	1

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42041
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	3
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Facility Id:	9294
CAS Number:	7439921
Chemical Id:	8408
Chemical Name:	LEAD
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8408
CAS No:	7439921
Chemical Name:	LEAD
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	Yes

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	No
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	75000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8408
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42046
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	ENGINE ROOM,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	A
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	ROOFTOP- ENGINE ROOM 1,
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664939
Chemical Id:	8407
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8407
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	Yes
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	25000
Avg Daily Amt Exact:	25000
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8407
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42041
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	3
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7439921
Chemical Id:	8408
Chemical Name:	LEAD
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8408
CAS No:	7439921
Chemical Name:	LEAD
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	No
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	75000

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8408
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42046
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	A
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	ROOFTOP- ENGINE ROOM 1,
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	ENGINE ROOM,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7439921
Chemical Id:	8408
Chemical Name:	LEAD
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8408

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

CAS No:	7439921
Chemical Name:	LEAD
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	No
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	75000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8408
Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42046
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664939
Chemical Id:	8407
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	IN FORKLIFT BATTERIES
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9294
Chemical Desc ID:	8407
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	Yes
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	25000
Avg Daily Amt Exact:	25000
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	8407

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Container Type:	R
Storage Pressure:	1
Storage Temp:	4
Storage Location:	IN FORKLIFT BATTERIES
Storage ID:	42041
Storage Confidential:	No

Facility Id:	9294
CAS Number:	7664417
Chemical Id:	5597
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	3
Storage Temperature Class:	6
Storage Location:	ENGINE ROOMS 1,2
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Chemicals:

Facility Id:	9294
Chemical Desc ID:	5597
CAS No:	7664417
Chemical Name:	AMMONIA, ANHYDROUS
EHS Name:	AMMONIA (ANHYDROUS)
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	Yes
Gas:	Yes
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	10973
Avg Daily Amt Exact:	10973
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	5597
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27991
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	5
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27992
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	2
Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27993
Storage Confidential:	No
Storage Chem Desc ID:	5597
Storage Container Type:	C
Storage Pressure:	3

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

Storage Temp:	6
Storage Location:	ROOFTOP- ENGINE ROOMS 1,2
Storage ID:	27994
Storage Confidential:	No

Click this hyperlink while viewing on your computer to access
25 additional MN_TIER2: record(s) in the EDR Site Report.

Contact:

Contact ID:	18588
Contact Type:	T2EC
Contact Name:	JOHN BRISS
Contact Title:	CHIEF ENGI
Sort Order:	1

Contact:

Contact ID:	18589
Contact Type:	T2EC
Contact Name:	JEFF GUERT
Contact Title:	ENGINEER
Sort Order:	2

Click this hyperlink while viewing on your computer to access
25 additional MN_TIER2: record(s) in the EDR Site Report.

WIMN:

Status:	N
Latitude:	44.939851900000001
Longitude:	-93.072399899999994
Item ID:	126867-AISI0000126867
AI ID:	126867
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	126867
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	02822205aa
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	aa
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	10/08/2007
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	10/08/2007
The Delta Spatial ID:	53723634
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	A00020400
MPCA List:	A00020400
Program List:	Stormwater
Classification:	Refrigerated Warehousing and Storage
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=126867

WIMN:

Legislative District:	65B
Latitude:	44.93985190
Longitude:	-93.07239995
Activity:	Industrial Stormwater Permit
MPCA ID:	A00020400
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=53723633
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Status:	Y
Latitude:	44.938165699999999
Longitude:	-93.071933799999996
Item ID:	27031-AISI0000027031
AI ID:	27031
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27031
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4

ATLAS COLD STORAGE USA INC (Continued) **S107727293**

House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	22938
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MN0000065128
MPCA List:	MN0000065128
Program List:	Hazardous Waste
Classification:	Refrigerated Warehousing and Storage
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27031

WIMN:

Legislative District:	65B
Latitude:	44.93985190
Longitude:	-93.07239995
Activity:	Industrial Stormwater Permit
MPCA ID:	A00020400
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=53723633
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

E37 **VERSACOLD USA INC** **RCRA-CESQG** **1004726263**
WNW **240 CHESTER ST** **MN0000065128**
< 1/8 **ST. PAUL, MN 55107**
0.123 mi.
649 ft. **Site 2 of 7 in cluster E**

Relative:
Higher

Actual:
700 ft.

RCRA-CESQG:

Date form received by agency:	04/09/2009
Facility name:	VERSACOLD USA INC
Facility address:	240 CHESTER ST

VERSACOLD USA INC (Continued) **1004726263**

ST. PAUL, MN 55107
EPA ID: MN0000065128
Contact: JOHN BRISSON
Contact address: 240 CHESTER ST
ST. PAUL, MN 55107
Contact country: US
Contact telephone: 651-227-0741
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: VERSACOLD USA INC
Owner/operator address: 240 CHESTER ST
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: 651-227-0741
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/26/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

VERSACOLD USA INC (Continued) **1004726263**

Historical Generators:
Date form received by agency: 03/19/1998
Site name: VERSACOLD USA INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

E38 **BELL COLD STORAGE** **MN BROWNFIELDS S119124008**
WNW **236-260 CHESTER ST** **MN WIMN N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.127 mi.
671 ft. **Site 3 of 7 in cluster E**

Relative: **Higher**
Actual: **700 ft.**

BROWNFIELDS:

Site ID:	VP5400
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	186686-AREA0000000001
AI ID:	186686
AI Name:	Bell Cold Storage
Site type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686
Leak Discovered:	Not reported
Leak Reported:	Not reported

BELL COLD STORAGE (Continued) **S119124008**

Application / Notification Received:	11/29/1994
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/27/1996
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.94015121
Longitude:	-93.07146454

WIMN:

Status:	Y
Latitude:	44.940151409999999
Longitude:	-93.071467510000005
Item ID:	186686-AISI0000186686
AI ID:	186686
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	186686
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205db
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	db
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016

BELL COLD STORAGE (Continued) **S119124008**

User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646423
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	VP5400; VP5401
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686

E39 **BELL COLD STORAGE PT. 2** **MN VIC** **S102277079**
WNW **236-260 CHESTER ST** **MN SRS** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107** **MN LS**
0.127 mi. **MN VAPOR**
671 ft. **Site 4 of 7 in cluster E**

Relative: **Higher**
Actual: **700 ft.**

VIC:

Facility ID:	VP5400
Facility Type:	Brownfield Site
Item ID:	186686-AREA0000000001
AI ID:	186686
AI Name:	Bell Cold Storage
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.94015121
Longitude:	-93.07146454
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/29/1994
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/27/1996
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP5400
Facility Address 2:	Not reported
Core Program Interest ID:	335859
Link ID:	4316
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	11/29/1994
Last Update Date:	Not reported
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494361.40625
Utm North:	4976304.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5400
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Mt Simon Hinckley: 1
Precambrian Undefferentiated: 1
Other/Unknown Aquifier: 1
Date Info Last Updated: 1998-03-26 00:00:00
Inst Control Info Updated: Not reported
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 1994-11-29 00:00:00
Date End: 1996-02-27 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-14 00:00:00
Facid: VP5400
Event: 1
Additional Information: None
Record Number: 3459

Date Started: Not reported
Date End: 1995-10-03 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-14 00:00:00
Facid: VP5400
Event: 1
Additional Information: None
Record Number: 3460

Date Started: Not reported
Date End: 1996-02-27 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: Not reported
Facid: VP5400
Event: 1
Additional Information: None
Record Number: 651

Date Started: Not reported
Date End: 1995-06-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-03-26 00:00:00
Facid: VP5400
Event: 1
Additional Information: None
Record Number: 652

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 10

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: MCL (Maximum Contaminant Level)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contacts:
Contact Type: 1
Company Name: Not reported
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-04-23 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 0

Contact Type: 1
Company Name: Not reported
Contact Address: 5255 Young St.
Contact Address 2: Suite 900
Contact Province: ON
Contact Country: Canada
Contact Postal code: N2M 5P8
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-08-12 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 0

Contact Type: 1
Company Name: GRJ Holdings, Inc

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Contact Address:	370 University Ave.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-08-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-3080
Contact Phone Ext:	Not reported
Contact Fax:	(651) 296-9707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3316

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	1345 Northland Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126838700

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Spire Capitol Group
Contact Address:	5255 Young Street
Contact Address 2:	Suite 900
Contact Province:	ON
Contact Country:	Canada
Contact Postal code:	N2M 5P8
Contact Phone:	4165122352
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Facility ID:	VP5401
Facility Type:	Brownfield Site
Item ID:	186686-AREA0000000002
AI ID:	186686
AI Name:	Bell Cold Storage
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.93994363
Longitude:	-93.07242126
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/25/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/11/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP5401
Facility Address 2:	Not reported
Core Program Interest ID:	55131482
Link ID:	4316

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.3
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	07/25/1995
Last Update Date:	11/26/2003
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494361.40625
Utm North:	4976304.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5401
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1995-07-25 00:00:00
Date End:	1998-01-11 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP5401
Event:	1
Additional Information:	None
Record Number:	3461

Date Started:	Not reported
Date End:	1996-03-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP5401
Event:	1
Additional Information:	None
Record Number:	3462

Contacts:

Contact Type:	1
Company Name:	Not reported
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-23 00:00:00
Misc Contact Info:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

SRS:

Facility ID:	VP5400
Item ID:	186686-AREA0000000001
AI ID:	186686
AI Name:	Bell Cold Storage
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.94015121
Longitude:	-93.07146454
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/29/1994
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/27/1996
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	2.3
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19940001
Act Desc:	Brownfield Site

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Status:	Closed
Prior Aug 2016:	
Facility ID:	VP5400
Facility Adress 2:	Not reported
Core Program Interest ID:	335859
Link ID:	4316
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	11/29/1994
Last Update Date:	Not reported
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494361.40625
Utm North:	4976304.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5400
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	1998-03-26 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1994-11-29 00:00:00
Date End:	1996-02-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP5400
Event:	1
Additional Information:	None
Record Number:	3459

Date Started:	Not reported
Date End:	1995-10-03 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP5400
Event:	1
Additional Information:	None
Record Number:	3460

Date Started:	Not reported
Date End:	1996-02-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP5400
Event:	1
Additional Information:	None
Record Number:	651

Date Started:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Date End: 1995-06-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-03-26 00:00:00
Facid: VP5400
Event: 1
Additional Information: None
Record Number: 652

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 10
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: MCL (Maximum Contaminant Level)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-26 00:00:00

Contacts:
Contact Type: 1
Company Name: Not reported
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-04-23 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 0

Contact Type: 1
Company Name: Not reported
Contact Address: 5255 Young St.
Contact Address 2: Suite 900
Contact Province: ON
Contact Country: Canada
Contact Postal code: N2M 5P8

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-08-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	GRJ Holdings, Inc
Contact Address:	370 University Ave.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-08-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-3080
Contact Phone Ext:	Not reported
Contact Fax:	(651) 296-9707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3316
Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	1345 Northland Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126838700
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Spire Capitol Group
Contact Address:	5255 Young Street
Contact Address 2:	Suite 900
Contact Province:	ON
Contact Country:	Canada
Contact Postal code:	N2M 5P8
Contact Phone:	4165122352
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Facility ID:	VP5401
Item ID:	186686-AREA0000000002
AI ID:	186686
AI Name:	Bell Cold Storage
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.93994363
Longitude:	-93.07242126
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/25/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Site Deleted from NPL:	Not reported
Site Closed:	01/11/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	2.3
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19950001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP5401
Facility Adress 2:	Not reported
Core Program Interest ID:	55131482
Link ID:	4316
Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.3
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	07/25/1995
Last Update Date:	11/26/2003
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494361.40625
Utm North:	4976304.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5401
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1995-07-25 00:00:00
Date End:	1998-01-11 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP5401
Event:	1
Additional Information:	None
Record Number:	3461

Date Started:	Not reported
Date End:	1996-03-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Last Update:	1998-01-14 00:00:00
Facid:	VP5401
Event:	1
Additional Information:	None
Record Number:	3462

Contacts:

Contact Type:	1
Company Name:	Not reported
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-23 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

MN LS:

Link ID:	4316
EPA ID:	Not reported
MPCA ID:	VP5401
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No

BELL COLD STORAGE PT. 2 (Continued) **S102277079**

Delisted From PLP By MPCA: No
LCP: No
Brownfield: No
Entity Type: VIC

VAPOR:
Site ID: VP5400
Delta Site ID: 186686
WIMN Link: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686
AI Name: Bell Cold Storage
Vapor Concern at Site: Priority Superfund Site
Item ID: 186686-AREA0000000001
Site Type: Brownfield Site
Method Desc: Digitized-DRG
Latitude: 44.94015121
Longitude: -93.07146454

E40 **BELL COLD STORAGE PT. 2** **MN BROWNFIELDS** **S119124007**
WNW **236-260 CHESTER ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.127 mi.
671 ft. **Site 5 of 7 in cluster E**

Relative:
Higher

Actual:
700 ft.

BROWNFIELDS:
Site ID: VP5401
Leak Num: Not reported
Owner Name: Unknown
Leak Source: Not reported
Response Action Date: Not reported
Site Acreage: Not reported
Item Id: 186686-AREA0000000002
AI ID: 186686
AI Name: Bell Cold Storage
Site type: Brownfield Site
Hydro: Cathy Schultz (no longer at MPCA)
Project Manager: Not reported
Coord Collection Method: Address Matching House Number
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186686
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 07/25/1995
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 01/11/1998
Owner Address: 520 Lafayette Rd N
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55155
Latitude: 44.93994363
Longitude: -93.07242126

D41
SSW
1/8-1/4
0.133 mi.
700 ft.

SEALED AIR CORP
310 CHESTER ST
SAINT PAUL, MN 55107

Site 5 of 10 in cluster D

MN MANIFEST **S119128071**
N/A

Relative:
Higher

Actual:
700 ft.

MANIFEST:

Manifest ID:	262921
Generator ID:	MND087673935
Generator AI ID:	31018
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	12/7/1990 0:00:00
Fac Copy Recd Date:	1991-01-08 00:00:00
Gen Ship Date:	1990-12-05 00:00:00
Trans 1 Recd Date:	1990-12-05 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-12-07 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	262921
Manifest Row:	1
Haz Material Name:	WASTE INK FLAMMABLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	UN1210
Packing Group Number:	Not reported
Container Qty:	7
Container Code:	DMML
Waste Qty:	385
Waste Units Code:	AD
Waste Code List:	D001

D42 SEALED AIR CORP — **RCRA NonGen / NLR** — **1000397922**
SSW 310 CHESTER ST — **FINDS** — **MND087673935**
1/8-1/4 ST. PAUL, MN 55107 — **ECHO**
0.133 mi. — **MN WIMN**
700 ft. Site 6 of 10 in cluster D

Relative: Higher

Actual: 700 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/20/1984
Facility name:	SEALED AIR CORP
Facility address:	310 CHESTER ST ST. PAUL, MN 55107-1203
EPA ID:	MND087673935
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	312-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SEALED AIR CORP
Owner/operator address:	310 CHESTER ST ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/26/1999
Owner/Op end date:	05/14/1999

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

SEALED AIR CORP (Continued) **1000397922**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/26/1984
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110003779661

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000397922
Registry ID: 110003779661
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003779661

WIMN:
Status: N
Latitude: 44.937280399999999
Longitude: -93.071933799999996
Item ID: 31018-AISI0000031018
AI ID: 31018
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 31018
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Hazardous Waste

SEALED AIR CORP (Continued) **1000397922**

Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	07/27/1999
The Delta Spatial ID:	21034
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND087673935
MPCA List:	MND087673935
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31018

WIMN:

Legislative District:	65B
Latitude:	44.93797783
Longitude:	-93.07183976
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND087673935
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32533
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

E43
WNW
1/8-1/4
0.136 mi.
718 ft.

FEDERAL EXPRESS CORP
216 CHESTER ST
SAINT PAUL, MN 55107

Site 6 of 7 in cluster E

MN MANIFEST **S119128759**
N/A

Relative:
Higher

Actual:
700 ft.

MANIFEST:

Manifest ID:	479882
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-05-16 00:00:00
Gen Ship Date:	1990-05-11 00:00:00
Trans 1 Recd Date:	1990-05-11 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-05-11 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	479882
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	86
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	479883
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd

FEDERAL EXPRESS CORP (Continued) **S119128759**

Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	11/5/1993 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1993-10-06 00:00:00
Trans 1 Recd Date:	1993-10-06 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Detail:

Manifest ID:	479883
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	16
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	479884
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054

FEDERAL EXPRESS CORP (Continued) **S119128759**

TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	2/19/1992 0:00:00
Fac Copy Recd Date:	1992-02-18 00:00:00
Gen Ship Date:	1992-02-13 00:00:00
Trans 1 Recd Date:	1992-02-13 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-02-14 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	479884
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	77
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	479885
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-05-31 00:00:00
Gen Ship Date:	1990-05-25 00:00:00
Trans 1 Recd Date:	1990-05-25 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-05-25 00:00:00
Comments:	Not reported

FEDERAL EXPRESS CORP (Continued) **S119128759**

Detail:

Manifest ID:	479885
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	86
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	480121
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	4/6/1992 0:00:00
Fac Copy Recd Date:	1992-03-25 00:00:00
Gen Ship Date:	1992-03-23 00:00:00
Trans 1 Recd Date:	1992-03-23 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-03-24 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	480121
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	114
Waste Units Code:	IB

FEDERAL EXPRESS CORP (Continued) **S119128759**

Waste Code List: D001

Manifest ID: 480122
Generator ID: MND985666890
Generator AI ID: 39794
Transporter 1 ID: ILD051060408
Transporter 1 AI ID: 37854
Transporter 1 AI Name: Safety Kleen Corp Headquarters
Transporter 1 Address: 777 Big Timber Rd
Transporter 1 City: Elgin
Transporter 1 State: IL
Transporter 1 ZIP: 60123-1488
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported
Transporter 2 ZIP: Not reported
TSD ID: MND981097884
TSD AI ID: 8054
TSD AI Name: Safety-Kleen Systems Inc - Eagan
TSD Address: 3227 Terminal Dr
TSD City: Eagan
TSD State: MN
TSD Zip: 55121
Gen Copy Recd Date: Not reported
Fac Copy Recd Date: 1990-08-24 00:00:00
Gen Ship Date: 1990-08-17 00:00:00
Trans 1 Recd Date: 1990-08-17 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 1990-08-21 00:00:00
Comments: Not reported

Detail:
Manifest ID: 480122
Manifest Row: 1
Haz Material Name: PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number: Not reported
UN NA Number: UN1255
Packing Group Number: Not reported
Container Qty: 1
Container Code: DMML
Waste Qty: 86
Waste Units Code: IB
Waste Code List: D001

Manifest ID: 480123
Generator ID: MND985666890
Generator AI ID: 39794
Transporter 1 ID: MND022888143
Transporter 1 AI ID: 1543
Transporter 1 AI Name: WCEC Industrial Services
Transporter 1 Address: 1241 72nd Ave NE
Transporter 1 City: Fridley
Transporter 1 State: MN

FEDERAL EXPRESS CORP (Continued) **S119128759**

Transporter 1 ZIP:	55432
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND022888143
TSD AI ID:	1543
TSD AI Name:	WCEC Industrial Services
TSD Address:	1241 72nd Ave NE
TSD City:	Fridley
TSD State:	MN
TSD Zip:	55432
Gen Copy Recd Date:	11/19/1996 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1996-11-08 00:00:00
Trans 1 Recd Date:	1996-11-08 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Detail:

Manifest ID:	480123
Manifest Row:	1
Haz Material Name:	WASTE PETROLEUM PRODUCTS
Haz Class Number:	Not reported
UN NA Number:	UN1269
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	TKTT
Waste Qty:	32
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	480124
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr

FEDERAL EXPRESS CORP (Continued) **S119128759**

TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-09-26 00:00:00
Gen Ship Date:	1990-09-24 00:00:00
Trans 1 Recd Date:	1990-09-24 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-09-25 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	480124
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	86
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	480125
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-11-07 00:00:00
Gen Ship Date:	1990-11-05 00:00:00
Trans 1 Recd Date:	1990-11-05 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-11-06 00:00:00
Comments:	Not reported

Detail:

FEDERAL EXPRESS CORP (Continued) **S119128759**

Manifest ID:	480125
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	86
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	480126
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-12-28 00:00:00
Gen Ship Date:	1990-12-21 00:00:00
Trans 1 Recd Date:	1990-12-21 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-12-21 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	480126
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	113
Waste Units Code:	IB
Waste Code List:	D001

FEDERAL EXPRESS CORP (Continued) **S119128759**

Manifest ID:	480127
Generator ID:	MND985666890
Generator AI ID:	39794
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1991-03-13 00:00:00
Gen Ship Date:	1991-03-11 00:00:00
Trans 1 Recd Date:	1991-03-11 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1991-03-12 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	480127
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	110
Waste Units Code:	IB
Waste Code List:	D001

Click this hyperlink while viewing on your computer to access
16 additional MN MANIFEST: record(s) in the EDR Site Report.

E44 **FEDERAL EXPRESS CORP** **RCRA NonGen / NLR** **1000213396**
WNW **216 CHESTER ST** **MN WIMN** **MND985666890**
1/8-1/4 **ST. PAUL, MN 55107**
0.136 mi.
718 ft. **Site 7 of 7 in cluster E**

Relative:
Higher

Actual:
700 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/14/1988
Facility name:	FEDERAL EXPRESS CORP
Facility address:	216 CHESTER ST ST. PAUL, MN 55107-1207
EPA ID:	MND985666890
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FEDERAL EXPRESS CORP
Owner/operator address:	2005 CORPORATE AVE MEMPHIS, TN 38132
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/15/1999
Owner/Op end date:	06/15/1999

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	312-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

FEDERAL EXPRESS CORP (Continued) **1000213396**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

WIMN:
Status: N
Latitude: 44.9384692
Longitude: -93.071933799999996
Item ID: 39794-AISI0000039794
AI ID: 39794
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 39794
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Hazardous Waste
Program List: HW
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4
House District: 65B
Senate District: 65
USGS 8-digits: 07010206

FEDERAL EXPRESS CORP (Continued) **1000213396**

USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	06/15/1999
The Delta Spatial ID:	44440
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985666890
MPCA List:	MND985666890
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=39794

WIMN:

Legislative District:	65B
Latitude:	44.94050399
Longitude:	-93.07244620
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985666890
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=55986
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

D45 **MINUTEMAN PRESS - CHESTER ST** **MN WIMN S110218165**
SSW **322 CHESTER ST** **MN NPDES N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.143 mi.
753 ft. **Site 7 of 10 in cluster D**

Relative:
Higher

Actual:
700 ft.

WIMN:

Status:	N
Latitude:	44.937128600000001
Longitude:	-93.071933799999996
Item ID:	25525-AISI0000025525
AI ID:	25525
Document ID:	0

MINUTEMAN PRESS - CHESTER ST (Continued) **S110218165**

Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	25525
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	12/18/2014
The Delta Spatial ID:	21486
Activity:	Multiple Activities
Activity List:	Hazardous Waste; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	MNR000034140; MNRNE335K
Program List:	Hazardous Waste; Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=25525

WIMN:

Legislative District:	65B
Latitude:	44.93764508
Longitude:	-93.07183415
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32022
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

MINUTEMAN PRESS - CHESTER ST (Continued) **S110218165**

NPDES:

Envid:	S110218165
Facility Name:	MINUTEMAN PRESS - CHESTER ST
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNRNE335K
Preferred ID:	Not reported
Activity Sys ID:	25525
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/09/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9371286
Longitude Degree:	-93.0719338
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Minuteman Press
Owner Organization Type:	Not reported
Permit Sys ID:	196830
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	1
Activity Description:	Printing (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	X
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported

MINUTEMAN PRESS - CHESTER ST (Continued) **S110218165**

Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

D46
SSW
1/8-1/4
0.143 mi.
753 ft.

MINUTEMAN PRESS - CHESTER ST **RCRA-CESQG** **1004737229**
322 CHESTER ST **MNR000034140**
ST. PAUL, MN 55107

Site 8 of 10 in cluster D

Relative:
Higher

Actual:
700 ft.

RCRA-CESQG:

Date form received by agency:	05/18/1998
Facility name:	MINUTEMAN PRESS - CHESTER ST
Facility address:	322 CHESTER ST ST. PAUL, MN 55107-1203
EPA ID:	MNR000034140
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	AMYS PRINTING INC
Owner/operator address:	322 CHESTER ST ST PAUL, MN 55107

MINUTEMAN PRESS - CHESTER ST (Continued) **1004737229**

Owner/operator country: Not reported
Owner/operator telephone: 612-228-0948
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MINUTEMAN PRESS
Owner/operator address: 322 CHESTER ST
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE

MINUTEMAN PRESS - CHESTER ST (Continued) **1004737229**

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 11/14/1997
Site name: MINUTEMAN PRESS
Classification: Not a generator, verified

Violation Status: No violations found

D47 **MINUTEMAN PRESS - CHESTER ST** **MN MANIFEST** **S119129745**
SSW **322 CHESTER ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.143 mi.
753 ft. **Site 9 of 10 in cluster D**

Relative: Higher
Actual: 700 ft.

MANIFEST:

Manifest ID:	589970
Generator ID:	MNR000034140
Generator AI ID:	25525
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	7/7/1997 0:00:00
Fac Copy Recd Date:	1997-07-22 00:00:00
Gen Ship Date:	1997-07-02 00:00:00
Trans 1 Recd Date:	1997-07-02 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-07-09 00:00:00
Comments:	Not reported

Contact:
Generator AI ID: 25525

MINUTEMAN PRESS - CHESTER ST (Continued) **S119129745**

Generator ID:	MNR000034140
Generator AI Name:	Minuteman Press - Chester St
Generator Contact:	Cindy Winkle
Contact Address:	322 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	cindyw@minutemanpress.com
Contact Phone:	651-228-0949

Detail:

Manifest ID:	589970
Manifest Row:	1
Haz Material Name:	WASTE PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	UN1263
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	5
Waste Units Code:	AD
Waste Code List:	F005

Manifest ID:	589971
Generator ID:	MNR000034140
Generator AI ID:	25525
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1997-09-26 00:00:00
Gen Ship Date:	1997-09-05 00:00:00
Trans 1 Recd Date:	1997-09-05 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-09-15 00:00:00
Comments:	Not reported

Contact:

MINUTEMAN PRESS - CHESTER ST (Continued) **S119129745**

Generator AI ID:	25525
Generator ID:	MNR000034140
Generator AI Name:	Minuteman Press - Chester St
Generator Contact:	Cindy Winkle
Contact Address:	322 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	cindyw@minutemanpress.com
Contact Phone:	651-228-0949

Detail:

Manifest ID:	589971
Manifest Row:	1
Haz Material Name:	PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	UN1263
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	F005

Manifest ID:	589972
Generator ID:	MNR000034140
Generator AI ID:	25525
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	5/27/1997 0:00:00
Fac Copy Recd Date:	1997-05-27 00:00:00
Gen Ship Date:	1997-05-21 00:00:00
Trans 1 Recd Date:	1997-05-21 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-05-21 00:00:00
Comments:	Not reported

MINUTEMAN PRESS - CHESTER ST (Continued) **S119129745**

Contact:

Generator AI ID:	25525
Generator ID:	MNR000034140
Generator AI Name:	Minuteman Press - Chester St
Generator Contact:	Cindy Winkle
Contact Address:	322 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	cindyw@minutemanpress.com
Contact Phone:	651-228-0949

Detail:

Manifest ID:	589972
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	9
Waste Units Code:	AD
Waste Code List:	D039

D48 **NEW TECH INDUSTRIAL PRODUCTS INC** **RCRA NonGen / NLR** **1000868233**
SSW **324 CHESTER ST** **FINDS** **MND985770809**
1/8-1/4 **ST. PAUL, MN 55107** **ECHO**
0.143 mi. **MN WIMN**
757 ft. **Site 10 of 10 in cluster D**

Relative:
Higher

Actual:
700 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/31/1993
Facility name:	NEW TECH INDUSTRIAL PRODUCTS INC
Facility address:	324 CHESTER ST ST. PAUL, MN 55107-1203
EPA ID:	MND985770809
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NEW TECH INDUSTRIAL PRODUCTS INC
Owner/operator address:	324 CHESTER ST ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

NEW TECH INDUSTRIAL PRODUCTS INC (Continued) **1000868233**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1999
Owner/Op end date: 05/14/1999

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

FINDS:

Registry ID: 110003885920

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

NEW TECH INDUSTRIAL PRODUCTS INC (Continued) **1000868233**

ECHO:

Envid:	1000868233
Registry ID:	110003885920
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003885920

WIMN:

Status:	N
Latitude:	44.937103299999997
Longitude:	-93.071933799999996
Item ID:	27425-AISI0000027425
AI ID:	27425
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27425
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	07/27/1999
The Delta Spatial ID:	21418
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985770809
MPCA List:	MND985770809

NEW TECH INDUSTRIAL PRODUCTS INC (Continued) **1000868233**

Program List: Hazardous Waste
Classification: Not reported
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27425

WIMN:
Legislative District: 65B
Latitude: 44.93758962
Longitude: -93.07183320
Activity: Hazardous Waste, Small to Minimal QG
MPCA ID: MND985770809
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32112
Coordinate Collection Method: Address Matching House Number
Status: Inactive

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49 **BLDG REMOVAL SP6244-99A** **MN WIMN** **S120055157**
NE **ADDRESS UNKNOWN** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.151 mi.
797 ft.

Relative: **Higher**
Actual: **700 ft.**

WIMN:
Status: N
Latitude: 44.941676999999999
Longitude: -93.066666999999995
Item ID: 129938-AISI0000129938
AI ID: 129938
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 129938
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Stormwater
Program List: ST
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4
House District: 65B
Senate District: 65
USGS 8-digits: 07010206
USGS 8-digits Name: Mississippi River - Twin Cities
USGS 10-digits: 701020608
USGS 12-digits: 70102060805
USGS 12-digits Name: Harriet Island-Mississippi River
MDH Drinking Water Management Code: Not reported
MDH Drinking Water Management Name: Not reported
Location Description: Not reported
Township, Range, Direction, Section QQ: Not reported
PLS Township: Not reported
Range: Not reported
Range Direction: Not reported
Section: Not reported
Quarters: Not reported
Collection Method Code: G8

BLDG REMOVAL SP6244-99A (Continued) **S120055157**

Method Description:	GPS - Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/22/2010
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	04/05/2012
The Delta Spatial ID:	58314504
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00030441
MPCA List:	C00030441
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=129938

F50 **AIR METHODS CORP** **MN MANIFEST** **S119128487**
SSW **336 CHESTER ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.154 mi.
811 ft. **Site 1 of 10 in cluster F**

Relative:
Higher

Actual:
700 ft.

MANIFEST:

Manifest ID:	398160
Generator ID:	MND981790124
Generator AI ID:	40823
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1991-04-26 00:00:00
Gen Ship Date:	1991-04-22 00:00:00
Trans 1 Recd Date:	1991-04-22 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1991-04-23 00:00:00
Comments:	Not reported

AIR METHODS CORP (Continued) **S119128487**

Contact:

Generator AI ID:	40823
Generator ID:	MND981790124
Generator AI Name:	Air Methods Corp
Generator Contact:	John Schmitt
Contact Address:	336 Chester St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-636-1100

Detail:

Manifest ID:	398160
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	56
Waste Units Code:	IB
Waste Code List:	D001

F51 **CRITCIAL CARE SVCS DBA LIF** **RCRA NonGen / NLR** **1000849259**
SSW **336 CHESTER ST B** **FINDS** **MND985770452**
1/8-1/4 **ST PAUL, MN 55107** **ECHO**
0.154 mi.
811 ft. **Site 2 of 10 in cluster F**

Relative:
Higher

Actual:
700 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/21/1997
Facility name:	CRITCIAL CARE SVCS DBA LIF
Facility address:	336 CHESTER ST B ST PAUL, MN 55107
EPA ID:	MND985770452
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CRITICAL CARE SVCS DBA LIF
Owner/operator address:	336 CHESTER ST ST PAUL, MN 55107
Owner/operator country:	Not reported
Owner/operator telephone:	612-228-1067
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

CRITCIAL CARE SVCS DBA LIF (Continued) **1000849259**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/23/1993
Site name: CRITICAL CARE SERVICES
Classification: Unverified

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009

CRITCIAL CARE SVCS DBA LIF (Continued) **1000849259**

. Waste name: MERCURY

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

FINDS:

Registry ID: 110003885699

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000849259
Registry ID: 110003885699
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003885699

F52 **RIVERVIEW BUSINESS PLAZA** **RCRA NonGen / NLR** **1001196835**
SSW **336 CHESTER ST/UNIT C** **FINDS** **MNR000032664**
1/8-1/4 **ST PAUL, MN 55107** **ECHO**
0.154 mi.
811 ft. **Site 3 of 10 in cluster F**

Relative:
Higher

Actual:
700 ft.

RCRA NonGen / NLR:
Date form received by agency: 09/12/1997
Facility name: RIVERVIEW BUSINESS PLAZA
Facility address: 336 CHESTER ST/UNIT C
ST PAUL, MN 55107
EPA ID: MNR000032664
Mailing address: 413 WACOUTA ST STE 350
ST PAUL, MN 55101
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: RBP REALTY LLC
Owner/operator address: 413 WACOUTA ST STE 350
ST PAUL, MN 55101
Owner/operator country: Not reported

RIVERVIEW BUSINESS PLAZA (Continued) **1001196835**

Owner/operator telephone: 612-292-0072
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/26/1997
Site name: RIVERVIEW BUSINESS PLAZA
Classification: Unverified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110008839463

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

RIVERVIEW BUSINESS PLAZA (Continued) **1001196835**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001196835
Registry ID: 110008839463
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008839463

F53 **AIR METHODS CORP** **RCRA NonGen / NLR** **1000124036**
SSW **336 CHESTER ST** **FINDS** **MND981790124**
1/8-1/4 **ST. PAUL, MN 55107** **ECHO**
0.154 mi. **MN WIMN**
811 ft. **Site 4 of 10 in cluster F**

Relative: Higher
Actual: 700 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/14/1986
Facility name: AIR METHODS CORP
Facility address: 336 CHESTER ST
ST. PAUL, MN 55107-1203
EPA ID: MND981790124
Contact: JOHN SCHMITT
Contact address: 336 CHESTER ST
ST. PAUL, MN 55107-1203
Contact country: US
Contact telephone: 651-636-1100
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: AIR METHODS CORP
Owner/operator address: 512 TOWER RD HNGR 3
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: 651-636-1100
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/14/1999
Owner/Op end date: 10/12/1999

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

AIR METHODS CORP (Continued) **1000124036**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003807514

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000124036
Registry ID: 110003807514
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003807514

WIMN:

AIR METHODS CORP (Continued) **1000124036**

Status:	N
Latitude:	44.9369516
Longitude:	-93.071933799999996
Item ID:	40823-AISI0000040823
AI ID:	40823
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	40823
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	10/14/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	10/15/1999
The Delta Spatial ID:	47966
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND981790124
MPCA List:	MND981790124
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=40823

WIMN:

Legislative District:	65B
Latitude:	44.93725689
Longitude:	-93.07182758

AIR METHODS CORP (Continued) **1000124036**

Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND981790124
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=64033
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

F54 **DUCTS AND CLEATS** **MN WIMN** **S120061115**
SSW **334 CHESTER ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.156 mi.
824 ft. **Site 5 of 10 in cluster F**

Relative: **Higher**
Actual: **700 ft.**

WIMN:

Status:	Y
Latitude:	44.934080059999999
Longitude:	-93.076966490000004
Item ID:	213301-AISI0000213301
AI ID:	213301
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	213301
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/15/2016
Timestamp of Creation:	07/07/2016
User Name of Creator:	swright1
Timestamp of Last Update:	08/15/2016

DUCTS AND CLEATS (Continued) **S120061115**

User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MNS000305040
MPCA List:	MNS000305040
Program List:	Hazardous Waste
Classification:	Plumbing, Heating, and Air-Conditioning Contractors
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=213301

G55 **RIVERVIEW INDUSTRIAL N-1** **MN VIC S103909186**
North **SEE LOCATION DESCRIPTION** **MN SRS N/A**
1/8-1/4 **SAINT PAUL, MN 55107** **MN VAPOR**
0.157 mi.
831 ft. **Site 1 of 3 in cluster G**

Relative: **Higher**
Actual: **701 ft.**

VIC:

Facility ID:	VP9840
Facility Type:	Brownfield Site
Item ID:	188650-AREA0000000001
AI ID:	188650
AI Name:	Ridder Circle Properties
Hydro:	Mark Elliott (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.94244003
Longitude:	-93.07001495
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/20/1998
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/30/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP9840
Facility Address 2:	Not reported
Core Program Interest ID:	336331
Link ID:	4909
Site Type:	Ash Disposal
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	25
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	-borders St. Paul downtown Airport (Holman Field) on the north, the site is located on the north and south sides of Ridder Circle.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Approximately 25 acre vacant area with one 2-3 acre lot occupied by Semple building Movers Company. The area has been filled with fly ash, river dredge, demolition materials, and off-site soils. In addition, a portion of the Site was formerly used as a salvage yard, and bulk petroleum storage tanks existed on and near parts of the Site before the 1980s. Low levels of PAHs were detected in the groundwater at an adjoining property in 1996. A Phase II Investigation was intiated on the Site by Wenck Associated in May 1998. Wenck's Phase II Workplan was approved by the MPCA VIC staff before work began. The Phase II Investigation report was submitted to the MPCA on July 16, 1998. The results indicate widespread low to moderate PAH, lead, arsenic, and DRO imapcates to soil and groundwater across the most of the Site. Additional Proposed Actions (to include excavation of soil for protective posts around navigation light standards) for Semple Building Movers Parcel and Parcel A approved by MPCA 8-7-98.
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	J Stahnke
Created Date:	04/21/1998
Last Update Date:	10/20/2000
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494476.08332999999
Utm North:	4976558.6666700002
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP9840
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	12
Volume of contaminated soil:	750000
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	7
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	3.5
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	1998-10-06 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1998-04-20 00:00:00
Date End:	2001-10-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-12 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	None
Record Number:	4302

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-06-01 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	Phase II Workplan approval by MPCA VIC staff on May 1, 1998
Record Number:	4385

Date Started:	Not reported
Date End:	1998-05-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-14 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	No Association Determination to MAC for leasing & installing navigation lights on Parcels A, B, & C
Record Number:	4387

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Date Started:	Not reported
Date End:	1998-07-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-07-17 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	Phase II Investigation of Parcels D, E, F, G, H, and I submitted to MPCA
Record Number:	5142

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-08-07 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	May 5, 1998 NAD issued for MAC to lease and install navigation light standards of Semple Building Movers Parcel and Parcel A was ammended on August 7, 1998 to include excavation of soil to install protective posts around the navigation light posts
Record Number:	5279

Date Started:	Not reported
Date End:	1998-10-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-10-19 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	No Association Determination issued for Parcels E and D for PAHs and heavy metals in soil. NAD includes land use affidavit contingency
Record Number:	5939

Date Started:	Not reported
Date End:	1998-10-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-10-19 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	No Association Determination for selenium and PAHs in soil and PAHs in groundwater issued
Record Number:	5940

Date Started:	Not reported
Date End:	1998-10-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-10-19 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	Technical Assistance Letter issued for Parcels B, G, H, I acknowledging that Phase I and Phase II Investigations were conducted and that No Identified release was found.
Record Number:	5941

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Date Started:	Not reported
Date End:	1998-08-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-14 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	None Entered
Record Number:	8312

Date Started:	Not reported
Date End:	1998-05-05 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-14 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	None Entered
Record Number:	8313

Date Started:	Not reported
Date End:	2000-10-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-12 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	None Entered
Record Number:	9404

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-17 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3229

Facility ID:	VP7540
Facility Type:	Brownfield Site
Item ID:	188659-AREA0000000001
AI ID:	188659
AI Name:	Riverview Industrial N-1
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.9443779
Longitude:	-93.06891632
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188659
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/21/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	09/04/1999
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP7540
Facility Address 2:	Not reported
Core Program Interest ID:	335932
Link ID:	4402
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.5
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	North of the Holman field close to the River
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Recent request for a No Association letter
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Jerry Stahnke
Created Date:	10/21/1996
Last Update Date:	05/05/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494563.25
Utm North:	4976774
Utm Zone:	15
Basin Code:	2
Major Watershed:	20

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP7540
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Mt Simon Hinckley: 1
Precambrian Undefferentiated: 1
Other/Unknown Aquifier: 1
Date Info Last Updated: Not reported
Inst Control Info Updated: Not reported
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:

Date Started: Not reported
Date End: 1996-12-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-03-14 00:00:00
Facid: VP7540
Event: 1
Additional Information: None Entered
Record Number: 8297

Date Started: 1996-10-21 00:00:00
Date End: 1999-09-04 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: Not reported
Facid: VP7540
Event: 1
Additional Information: None
Record Number: 643

Contact Info:

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1808
Contact Phone Ext: Not reported
Contact Fax: 651-296-9707
Contact E-mail: larry.quandt@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-03-25 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3379

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: (651) 296-9707
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: Not reported
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	1900 Landmark Tower
Contact Address 2:	345 St. Peter Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	AET
Contact Address:	2102 University Avenue West
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126591316
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP9840
Item ID:	188650-AREA0000000001
AI ID:	188650
AI Name:	Ridder Circle Properties
Facility Type:	Brownfield Site
Hydro:	Mark Elliott (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.94244003
Longitude:	-93.07001495
Coord Collection Method:	Digitized-DRG

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/20/1998
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/30/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	25
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Y
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP9840
Facility Adress 2:	Not reported
Core Program Interest ID:	336331
Link ID:	4909
Site Type:	Ash Disposal
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	25
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	-borders St. Paul downtown Airport (Holman Field) on the north, the site is located on the north and south sides of Ridder Circle.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Approximately 25 acre vacant area with one 2-3 acre lot occupied by Semple building Movers Company. The area has been filled with fly ash, river dredge, demolition materials, and off-site soils. In addition, a portion of the Site was formerly used as a salvage yard, and bulk

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

petroleum storage tanks existed on and near parts of the Site before the 1980s. Low levels of PAHs were detected in the groundwater at an adjoining property in 1996. A Phase II Investigation was intiated on the Site by Wenck Associated in May 1998. Wenck's Phase II Workplan was approved by the MPCA VIC staff before work began. The Phase II Investigation report was submitted to the MPCA on July 16, 1998. The results indicate widespread low to moderate PAH, lead, arsenic, and DRO imapcates to soil and groundwater across the most of the Site. Additional Proposed Actions (to include excavation of soil for protective posts around navigation light standards) for Semple Building Movers Parcel and Parcel A approved by MPCA 8-7-98.

Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	J Stahnke
Created Date:	04/21/1998
Last Update Date:	10/20/2000
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494476.08332999999
Utm North:	4976558.6666700002
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP9840
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	12
Volume of contaminated soil:	750000
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	7
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	3.5
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Date Info Last Updated:	1998-10-06 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1998-04-20 00:00:00
Date End:	2001-10-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-12 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	None
Record Number:	4302

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-06-01 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	Phase II Workplan approval by MPCA VIC staff on May 1, 1998
Record Number:	4385

Date Started:	Not reported
Date End:	1998-05-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-14 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	No Association Determination to MAC for leasing & installing navigation lights on Parcels A, B, & C
Record Number:	4387

Date Started:	Not reported
Date End:	1998-07-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-07-17 00:00:00
Facid:	VP9840
Event:	1
Additional Information:	Phase II Investigation of Parcels D, E, F, G, H, and I submitted to MPCA
Record Number:	5142

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-08-07 00:00:00
Facid:	VP9840

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Event: 1
Additional Information: May 5, 1998 NAD issued for MAC to lease and install navigation light standards of Semple Building Movers Parcel and Parcel A was ammended on August 7, 1998 to include excavation of soil to install protective posts around the navigation light posts
Record Number: 5279

Date Started: Not reported
Date End: 1998-10-19 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-10-19 00:00:00
Facid: VP9840
Event: 1
Additional Information: No Association Determination issued for Parcels E and D for PAHs and heavy metals in soil. NAD includes land use affidavit contingency
Record Number: 5939

Date Started: Not reported
Date End: 1998-10-19 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-10-19 00:00:00
Facid: VP9840
Event: 1
Additional Information: No Association Determination for selenium and PAHs in soil and PAHs in groundwater issued
Record Number: 5940

Date Started: Not reported
Date End: 1998-10-19 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-10-19 00:00:00
Facid: VP9840
Event: 1
Additional Information: Technical Assistance Letter issued for Parcels B, G, H, I acknowledging that Phase I and Phase II Investigations were conducted and that No Identified release was found.
Record Number: 5941

Date Started: Not reported
Date End: 1998-08-12 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-03-14 00:00:00
Facid: VP9840
Event: 1
Additional Information: None Entered
Record Number: 8312

Date Started: Not reported
Date End: 1998-05-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-03-14 00:00:00
Facid: VP9840

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Event: 1
Additional Information: None Entered
Record Number: 8313

Date Started: Not reported
Date End: 2000-10-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2001-03-12 00:00:00
Facid: VP9840
Event: 1
Additional Information: None Entered
Record Number: 9404

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-07-17 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-07-17 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-07-17 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-07-17 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-07-17 00:00:00

Contaminant Id: 1
Contaminated Media: 1

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-17 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3229

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Facility ID:	VP7540
Item ID:	188659-AREA0000000001
AI ID:	188659
AI Name:	Riverview Industrial N-1
Facility Type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.9443779
Longitude:	-93.06891632
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188659
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/21/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	09/04/1999
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	1.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19960001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP7540
Facility Adress 2:	Not reported
Core Program Interest ID:	335932
Link ID:	4402
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.5
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	North of the Holman field close to the River
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Recent request for a No Association letter
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Jerry Stahnke
Created Date:	10/21/1996
Last Update Date:	05/05/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494563.25
Utm North:	4976774
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP7540
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: Not reported
Date End: 1996-12-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-03-14 00:00:00
Facid: VP7540
Event: 1
Additional Information: None Entered
Record Number: 8297

Date Started: 1996-10-21 00:00:00
Date End: 1999-09-04 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: Not reported
Facid: VP7540
Event: 1
Additional Information: None
Record Number: 643

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	Not reported

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-03-25 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	(651) 296-9707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported

RIVERVIEW INDUSTRIAL N-1 (Continued) **S103909186**

Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	1900 Landmark Tower
Contact Address 2:	345 St. Peter Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	AET
Contact Address:	2102 University Avenue West
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126591316
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

VAPOR:

Site ID:	VP7540
Delta Site ID:	188659
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188659
AI Name:	Riverview Industrial N-1
Vapor Concern at Site:	Priority Superfund Site
Item ID:	188659-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	Digitized-DRG
Latitude:	44.9443779
Longitude:	-93.06891632

G56 **RIDDER CIRCLE PROPERTIES** **MN LS** **S103854876**
North **SEE LOCATION DESCRIPTION** **N/A**
1/8-1/4 **ST. PAUL, MN 55107**
0.157 mi.
831 ft. **Site 2 of 3 in cluster G**

Relative:
Higher

Actual:
701 ft.

MN LS:

Link ID:	4909
EPA ID:	Not reported
MPCA ID:	VP9841
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

G57 **RIDDER CIRCLE PROPERTIES** **MN INST CONTROL** **S119124606**
North **SEE LOCATION DESCRIPTION** **MN BROWNFIELDS** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107** **MN WIMN**
0.157 mi.
831 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
701 ft.

INST CONTROL:

Site ID:	188650
Latitude:	44.94244033
Longitude:	-93.07001679
Owner Name:	Unknown
Program Name:	Investigation and Cleanup
Active:	N
Activity Type Name:	Brownfields
Activity Sub Type Name:	Voluntary Investigation and Cleanup
Industrial Classification:	Not reported
Activity ID:	VP9841
Activity Name:	Ridder Circle Properties
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized-DRG
Institutional Control:	Y
District:	4

Site ID:	188650
Latitude:	44.94244033
Longitude:	-93.07001679
Owner Name:	Unknown
Program Name:	Investigation and Cleanup
Active:	N
Activity Type Name:	Brownfields
Activity Sub Type Name:	Voluntary Investigation and Cleanup
Industrial Classification:	Not reported
Activity ID:	VP9840
Activity Name:	Ridder Circle Properties

RIDDER CIRCLE PROPERTIES (Continued) **S119124606**

HUC 8: 7010206
Watershed Name: Mississippi River - Twin Cities
Coordinate Method: Digitized-DRG
Institutional Control: Y
District: 4

BROWNFIELDS:
Site ID: VP9840
Leak Num: Not reported
Owner Name: Unknown
Leak Source: Not reported
Response Action Date: Not reported
Site Acreage: Not reported
Item Id: 188650-AREA0000000001
AI ID: 188650
AI Name: Ridder Circle Properties
Site type: Brownfield Site
Hydro: Mark Elliott (former)
Project Manager: Gerald Stahnke (no longer at MPCA)
Coord Collection Method: Digitized-DRG
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 04/20/1998
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 10/30/2001
Owner Address: 520 Lafayette Rd N
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55155
Latitude: 44.94244003
Longitude: -93.07001495

WIMN:
Status: Y
Latitude: 44.942440329999997
Longitude: -93.070016789999997
Item ID: 188650-AISI0000188650
AI ID: 188650
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 188650
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Investigation and Cleanup
Program List: SR
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4

RIDDER CIRCLE PROPERTIES (Continued) **S119124606**

House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205ad
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	ad
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646782
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	VP9840; VP9841
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650

F58 **WILBRECHT ELECTRICS** **MN MANIFEST** **S119128587**
SSW **346 CHESTER ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.160 mi.
845 ft. **Site 6 of 10 in cluster F**

Relative: MANIFEST:
Higher

Actual: Manifest ID:	426529
700 ft. Generator ID:	MND982213548
Generator AI ID:	24853
Transporter 1 ID:	MND000685941
Transporter 1 AI ID:	37345
Transporter 1 AI Name:	Solvoil Service & Supply Co
Transporter 1 Address:	6401 Industrial Dr
Transporter 1 City:	Hopkins
Transporter 1 State:	MN
Transporter 1 ZIP:	55343
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported

WILBRECHT ELECTRICS (Continued) **S119128587**

Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND000685941
TSD AI ID:	37345
TSD AI Name:	Solvoil Service & Supply Co
TSD Address:	6401 Industrial Dr
TSD City:	Hopkins
TSD State:	MN
TSD Zip:	55343
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-02-12 00:00:00
Gen Ship Date:	1990-02-08 00:00:00
Trans 1 Recd Date:	1990-02-08 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-02-08 00:00:00
Comments:	Not reported

Detail:

Manifest ID:	426529
Manifest Row:	1
Haz Material Name:	FLAMMABLE LIQUID NOS
Haz Class Number:	Not reported
UN NA Number:	UN1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	TKTT
Waste Qty:	45
Waste Units Code:	AD
Waste Code List:	F003

F59 **WILBRECHT ELECTRICS** **MN WIMN** **S110240522**
SSW **346 CHESTER ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.160 mi.
845 ft. **Site 7 of 10 in cluster F**

Relative: **Higher**
Actual: **700 ft.**

WIMN:

Status:	N
Latitude:	44.936986830000002
Longitude:	-93.071834240000001
Item ID:	24853-AISI0000024853
AI ID:	24853
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	24853
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65

WILBRECHT ELECTRICS (Continued) **S110240522**

USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	07/27/1999
The Delta Spatial ID:	20576
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND982213548
MPCA List:	MND982213548
Program List:	Hazardous Waste
Classification:	Electronic and Other Electrical Equipment and Components, Except Computer Equipment
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24853

WIMN:

Legislative District:	65B
Latitude:	44.93697876
Longitude:	-93.0718265
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND982213548
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=33037
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

F60 **WILBRECHT ELECTRONICS** **RCRA NonGen / NLR** **1000164621**
SSW **346 CHESTER ST** **FINDS** **MND982213548**
1/8-1/4 **ST PAUL, MN 55102** **ECHO**
0.160 mi.
845 ft. **Site 8 of 10 in cluster F**

Relative:
Higher

Actual:
700 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/16/1994
Facility name:	WILBRECHT ELECTRONICS
Facility address:	346 CHESTER ST ST PAUL, MN 55102

WILBRECHT ELECTRONICS (Continued) **1000164621**

EPA ID: MND982213548
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WILBRECHT ELECTRICS
Owner/operator address: 346 CHESTER ST
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1999
Owner/Op end date: 07/27/1999

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

WILBRECHT ELECTRONICS (Continued) **1000164621**

Historical Generators:
Date form received by agency: 08/13/1987
Site name: WILBRECHT ELECTRICS
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003816924

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000164621
Registry ID: 110003816924
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003816924

H61 **STATE STREET DUMP** **MN SRS** **S119123549**
WSW **SEE LOCATION DESCRIPTION** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.169 mi.
890 ft. **Site 1 of 8 in cluster H**

Relative: **Higher**
Actual: **700 ft.**

SRS:
Facility ID: SA0008440
Item ID: 185515-AREA0000000002
AI ID: 185515
AI Name: State Street Dump
Facility Type: Site Assessment Site
Hydro: Not reported
Project Manager: Not reported
Latitude: 44.93927404
Longitude: -93.07330479
Coord Collection Method: Public Land Survey-Two Quarter
Migrated: Y

STATE STREET DUMP (Continued) **S119123549**

WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/01/1987
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/1997
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Y
UNP Dump:	Y
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19970001
Act Desc:	Site Assessment Investigation
Status:	Closed

H62 **ST. PAUL FC PROJECT #2 (VP2981)** **MN BROWNFIELDS** **S119124698**
WSW **FLOOD FRINGE-NEAR HOLMAN FIELD** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.169 mi.
890 ft. **Site 2 of 8 in cluster H**

Relative: **Higher**
Actual: **700 ft.**

BROWNFIELDS:

Site ID:	VP2981
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	189782-AREA0000000002
AI ID:	189782
AI Name:	St. Paul Fc Project #2
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Karen Kromar (former)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189782
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/12/1992
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/23/1996
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul

ST. PAUL FC PROJECT #2 (VP2981) (Continued) **S119124698**

Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93927404
Longitude:	-93.07330479

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63 NNW 1/8-1/4 0.170 mi. 899 ft.

SAINT PAUL DOWNTOWN AIRPORT
BAYFIELD ST
SAINT PAUL, MN 55107

MN LUST S119109094
MN SRS N/A
MN WIMN

Relative: Higher

Actual: 703 ft.

LUST:

Item ID:	196846-AREA0000000001
MNPCA ID:	Not reported
AI ID:	196846
AI Name:	Saint Paul Downtown Airport
Site Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.94230006
Longitude:	-93.07159348
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196846
Leak Discovered:	8/9/1991
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	10/11/1993
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	8/9/1991

SRS:

Facility ID:	LS0004370
Item ID:	196846-AREA0000000001
AI ID:	196846
AI Name:	Saint Paul Downtown Airport
Facility Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.94230006
Longitude:	-93.07159348
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196846
Leak Discovered:	08/09/1991
Leak Reported:	08/09/1991
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported

SAINT PAUL DOWNTOWN AIRPORT (Continued) **S119109094**

Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/11/1993
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19910001
Act Desc:	Leak Site Investigation
Status:	Closed

WIMN:

Status:	Y
Latitude:	44.942300000000003
Longitude:	-93.071593399999998
Item ID:	196846-AISI0000196846
AI ID:	196846
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	196846
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number

SAINT PAUL DOWNTOWN AIRPORT (Continued) **S119109094**

Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/26/2016
Timestamp of Creation:	11/14/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51743011
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0004370
MPCA List:	LS0004370
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196846

F64 **SPRC PACKAGING FIRST** **RCRA NonGen / NLR** **1000866989**
SSW **341 CHESTER ST** **MN0000066209**
1/8-1/4 **ST PAUL, MN 55107**
0.180 mi.
948 ft. **Site 9 of 10 in cluster F**

Relative:
Higher

Actual:
711 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/24/2003
Facility name:	SPRC PACKAGING FIRST
Facility address:	341 CHESTER ST
	ST PAUL, MN 55107
EPA ID:	MN0000066209
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

SPRC PACKAGING FIRST (Continued) **1000866989**

Historical Generators:
Date form received by agency: 03/06/1997
Site name: SPRC PACKAGING FIRST
Classification: Not a generator, verified

Date form received by agency: 11/24/1993
Site name: PACKAGING FIRST DIV LIFETRACK RESOURCES
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

F65 **PACKAGING FIRST DIV LIFETRACK RESOURCES** **MN WIMN** **S110221282**
SSW **341 CHESTER ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.180 mi.
948 ft. **Site 10 of 10 in cluster F**

Relative: **Higher**
Actual: **711 ft.**

WIMN:

Status:	Y
Latitude:	44.936638600000002
Longitude:	-93.072425199999998
Item ID:	29885-AISI0000029885
AI ID:	29885
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	29885
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B

PACKAGING FIRST DIV LIFETRACK RESOURCES (Continued) **S110221282**

Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	20964
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MN0000066209
MPCA List:	MN0000066209
Program List:	Hazardous Waste
Classification:	Vocational Rehabilitation Services
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=29885

WIMN:

Legislative District:	65B
Latitude:	44.93663862
Longitude:	-93.07242524
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MN0000066209
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32623
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

I66 **2014 PAVEMENT REHAB TAXIWAY C** **MN WIMN** **S120055918**
SE **ADDRESS UNKNOWN** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.180 mi.
948 ft. **Site 1 of 2 in cluster I**

Relative:
Lower

Actual:
697 ft.

WIMN:

Status:	N
Latitude:	44.936399999999999
Longitude:	-93.064400000000006
Item ID:	148235-AISI0000148235

2014 PAVEMENT REHAB TAXIWAY C (Continued) **S120055918**

AI ID:	148235
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	148235
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	I2
Method Description:	Digitized-DOQ
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/16/2014
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	10/31/2014
The Delta Spatial ID:	69288485
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00038616
MPCA List:	C00038616
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=148235

I67
SE
1/8-1/4
0.180 mi.
948 ft.

2012 PAVEMENT REHABILITATION
ADDRESS UNKNOWN
SAINT PAUL, MN 55107

Site 2 of 2 in cluster I

MN WIMN **S120055389**
N/A

Relative:
Lower

Actual:
697 ft.

WIMN:

Status:	N
Latitude:	44.936399999999999
Longitude:	-93.064400000000006
Item ID:	136162-AISI0000136162
AI ID:	136162
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	136162
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	I2
Method Description:	Digitized-DOQ
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	05/08/2012
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	11/08/2012
The Delta Spatial ID:	62622235
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00033713
MPCA List:	C00033713
Program List:	Stormwater
Classification:	Not reported

2012 PAVEMENT REHABILITATION (Continued) **S120055389**

Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=136162

J68 **RIVERVIEW BUSINESS CENTER** **MN BROWNFIELDS** **S122369869**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 1 of 17 in cluster J**

Relative: **Higher**
Actual: **703 ft.**

BROWNFIELDS:

Site ID:	BF0000682
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	187944-AREA0000000005
AI ID:	187944
AI Name:	Riverview Business Park
Site type:	Brownfield Site
Hydro:	Not reported
Project Manager:	Not reported
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/02/2018
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/25/2018
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.93709687
Longitude:	-93.07168589

J69 **RIVERVIEW BUSINESS PARK #2** **MN VIC** **S122371262**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 2 of 17 in cluster J**

Relative: **Higher**
Actual: **703 ft.**

VIC:

Facility ID:	VP4351
Facility Type:	Brownfield Site
Item ID:	187944-AREA0000000002
AI ID:	187944
AI Name:	Riverview Business Park
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371262**

Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/18/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/03/1999
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP4351
Facility Address 2:	Chestnut Street
Core Program Interest ID:	55131462
Link ID:	4366
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	9.7799997
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Wellington has two sets of three buildings in the Program. This Site is Buildings C,D and E. and includes 314-332 and 342 Chester Street and 380 Lafayette Freeway.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	The Sites are constructed on the Old State Dump. Buildings C and D had new floors and methane venting systems installled. Building E did not require a new floor at that time. All three buildings are conducting long term methane gas monitoring in accordance with the No Association Letter issued 8/11/95
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Jerry Stahnke
Created Date:	01/12/1999
Last Update Date:	07/27/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371262**

MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493862.53125
Utm North:	4976024.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4351
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371262**

Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1995-04-18 00:00:00
Date End:	1999-06-03 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-13 00:00:00
Facid:	VP4351
Event:	1
Additional Information:	None
Record Number:	38780

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371262**

Date Started:	Not reported
Date End:	1995-08-11 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-13 00:00:00
Facid:	VP4351
Event:	1
Additional Information:	None
Record Number:	3185

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	% LEL
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	100
Date Info Last Updated:	2000-04-11 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-08-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	Robert McCullough Companies
Contact Address:	P.O. Box 337
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-07-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371262**

Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-04 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-11-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16523

J70 **RIVERVIEW BUSINESS PARK #2** **MN SRS** **S122371116**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 3 of 17 in cluster J**

Relative: **Higher**

Actual: **703 ft.**

SRS:

Facility ID:	VP4351
Item ID:	187944-AREA0000000002
AI ID:	187944
AI Name:	Riverview Business Park
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/18/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371116**

Site Deleted from NPL:	Not reported
Site Closed:	06/03/1999
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	9.78
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19990001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP4351
Facility Adress 2:	Chestnut Street
Core Program Interest ID:	55131462
Link ID:	4366
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	9.7799997
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Wellington has two sets of three buildings in the Program. This Site is Buildings C,D and E. and includes 314-332 and 342 Chester Street and 380 Lafayette Freeway.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	The Sites are constructed on the Old State Dump. Buildings C and D had new floors and methane venting systems installled. Building E did not require a new floor at that time. All three buildings are conducting long term methane gas monitoring in accordance with the No Association Letter issued 8/11/95
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Jerry Stahnke
Created Date:	01/12/1999
Last Update Date:	07/27/2010

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371116**

Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493862.53125
Utm North:	4976024.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4351
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371116**

Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1995-04-18 00:00:00
Date End:	1999-06-03 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-13 00:00:00
Facid:	VP4351
Event:	1
Additional Information:	None

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371116**

Record Number: 38780

Date Started: Not reported
Date End: 1995-08-11 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-13 00:00:00
Facid: VP4351
Event: 1
Additional Information: None
Record Number: 3185

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: % LEL
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 100
Date Info Last Updated: 2000-04-11 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-5573
Contact Phone Ext: Not reported
Contact Fax: 651-296-9707
Contact E-mail: rick.jolley@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-08-24 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3294

Contact Type: 1
Company Name: Robert McCullough Companies
Contact Address: P.O. Box 337
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2001-07-24 00:00:00
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: 0

RIVERVIEW BUSINESS PARK #2 (Continued) **S122371116**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-04 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-11-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16523

J71 **RIVERVIEW BUSINESS PLAZA** **MN BROWNFIELDS** **S119124615**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 4 of 17 in cluster J**

Relative: BROWNFIELDS:
Higher

Site ID:	VP4352
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	187944-AREA0000000003
AI ID:	187944
AI Name:	Riverview Business Park
Site type:	Brownfield Site
Hydro:	Gerald Stahnke (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported

Actual:
703 ft.

RIVERVIEW BUSINESS PLAZA (Continued) **S119124615**

Leak Reported:	Not reported
Application / Notification Received:	04/23/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93584475
Longitude:	-93.07834692

Site ID:	PB4793
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	187944-AREA0000000004
AI ID:	187944
AI Name:	Riverview Business Park
Site type:	Brownfield Site
Hydro:	Mike Connolly
Project Manager:	Mark Koplitz
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93584475
Longitude:	-93.07834692

J72 **RIVERVIEW BUSINESS PARK** **MN Financial Assurance** **S102412081**
SW **268-380 LAFAYETTE FREEWAY** **MN LS** **N/A**
1/8-1/4 **ST. PAUL, MN 55107**
0.185 mi.
976 ft. **Site 5 of 17 in cluster J**

Relative: **Higher**

Actual: **703 ft.**

MN Financial Assurance 1:

PROGRAM ID:	73692873
Township Name:	Not reported
Region:	1
Interest Type:	Petroleum Brownfield
ADDR ID:	453892
Interest Telephone:	NO CORE PI PH.
Preferred ID:	4793

RIVERVIEW BUSINESS PARK (Continued) **S102412081**

Interest Start Date:	04/28/2015
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	04/28/2015
TMSP Last Update:	07/07/2015 13:30:36
Staff ID Last Update:	MKOPLIT
Source:	CORE
Source ID:	172015
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	73692873
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	05/28/2015 11:16:30
TMSP Last Update:	05/28/2015 11:16:30
Staff ID Last Update:	MKOPLIT
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	172015
Spatial ID:	73692874

Program Id:	73692873
Lat/Long ID:	124293
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	15.9
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	18.39
Collection Date:	04/23/2015 14:03:08
Lat/Long Description:	Center of Site
TMSP Added:	05/09/2006 16:16:21
TMSP Last Update:	04/23/2015 14:03:09
Staff ID Last Update:	MAPTOOL
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	DM
Map Scale Code:	N
Source:	CORE
Site ID:	172015
Spatial ID:	73692874

RIVERVIEW BUSINESS PARK (Continued) **S102412081**

Staff Name:

Program Id:	73692873
Staff Sequence ID:	170366
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	04/28/2015 12:22:00
TMSP Last Update:	04/28/2015 12:22:00
Staff ID Last Update:	SVANPAT
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	3219

Program Id:	73692873
Staff Sequence ID:	170367
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	04/28/2015 12:22:00
TMSP Last Update:	04/28/2015 12:22:00
Staff ID Last Update:	SVANPAT
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3311

MN LS:

Link ID:	4366
EPA ID:	Not reported
MPCA ID:	VP4351
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

J73 **JASPER ENGINES & TRANSMISSION EXCHANGE** **MN WIMN** **S110205029**
SW **268 E LAFAYETTE FRONTAGE RD** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 6 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

WIMN:

Status:	Y
Latitude:	44.937711
Longitude:	-93.073396500000001
Item ID:	32422-AISI0000032422
AI ID:	32422
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	32422
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	22012
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MND980896435
MPCA List:	MND980896435
Program List:	Hazardous Waste
Classification:	Measuring, Analyzing & Controlling Instrmts; Photogr, Medical &

JASPER ENGINES & TRANSMISSION EXCHANGE (Continued) **S110205029**

Optical Goods; Watches & Clocks
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32422

WIMN:
Legislative District: 65B
Latitude: 44.93663937
Longitude: -93.07319569
Activity: Hazardous Waste, Small to Minimal QG
MPCA ID: MND980896435
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31588
Coordinate Collection Method: Address Matching House Number
Status: Active

J74 **RIVERVIEW BUSINESS PARK** **MN VIC S103813677**
SW **268-380 LAFAYETTE FREEWAY** **MN SRS N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 7 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

VIC:
Facility ID: VP4350
Facility Type: Brownfield Site
Item ID: 187944-AREA0000000001
AI ID: 187944
AI Name: Riverview Business Park
Hydro: Rick Jolley (former)
Project Manager: Rick Jolley (former)
Latitude: 44.93775194
Longitude: -93.07177748
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 11/30/1993
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 12/17/2012
Owner: Unknown
Owner Address: 520 Lafayette Rd N
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55155

Prior Aug 2016:
Facility ID: VP4350
Facility Address 2: Not reported
Core Program Interest ID: 335908
Link ID: 4366
Site Type: Dump (Unpermitted)
Active?: False
Pay Complete: False
MPCA Region: Metro
Site Size: 8.5
Score: 0

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Wellington Properties located east of Lafayette Freeway There are two sets of three Wellington Buildings in the Program. This Site which is Wellington Buildings A,D and H.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Buildings are on or adjacent to old State Street Dump and are being monitored for Methane. Presently conducting long term methane monitoring
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Jerry Stahnke
Created Date:	12/30/1998
Last Update Date:	12/24/2013
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493862.53125
Utm North:	4976024.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4350
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP4350
Event:	1
Additional Information:	Date unknown (auto-appended event)...
Record Number:	12282

Date Started:	Not reported
Date End:	1994-01-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2002-05-07 00:00:00
Facid:	VP4350
Event:	1
Additional Information:	None Entered
Record Number:	13920

Date Started:	Not reported
Date End:	2007-07-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2007-07-18 00:00:00
Facid:	VP4350
Event:	1
Additional Information:	Review of 2007 Methane Monitoring Results
Record Number:	27250

Date Started:	Not reported
Date End:	2012-12-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2012-12-17 00:00:00
Facid:	VP4350
Event:	1
Additional Information:	#916286#MPCA Letter to Wellington re Options

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Record Number: 35794

Date Started: 1993-11-30 00:00:00
Date End: 2012-12-17 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-13 00:00:00
Facid: VP4350
Event: 1
Additional Information: None
Record Number: 38779

Date Started: Not reported
Date End: 1994-01-19 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-07-07 00:00:00
Facid: VP4350
Event: 1
Additional Information: None
Record Number: 3183

Date Started: 1997-12-01 00:00:00
Date End: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2001-05-01 00:00:00
Facid: VP4350
Event: 1
Additional Information: Annual Methane Monitoring
Record Number: 10875

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-12-30 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-5573
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-08-24 00:00:00
Misc Contact Info: Not reported

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1
Company Name:	Wellington Management, Inc.
Contact Address:	1625 Energy Park Drive, Suite 100
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-06-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-02-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	Wellington Management, Inc.
Contact Address:	1625 Energy Park Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6519995501
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	swellington@wellingtonmgt.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Wellington management Inc
Contact Address:	413 Wacouta Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512929844
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP4350
Item ID:	187944-AREA0000000001
AI ID:	187944
AI Name:	Riverview Business Park
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Latitude:	44.93775194
Longitude:	-93.07177748
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/30/1993
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/17/2012
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	8.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP4350
Facility Adress 2:	Not reported
Core Program Interest ID:	335908
Link ID:	4366
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8.5
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Wellington Properties located east of Lafayette Freeway There are two sets of three Wellington Buildings in the Program. This Site which is Wellington Buildings A,D and H.
Natural Resource Damage:	False
Cleanup Cost:	Not reported

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Notes:	Buildings are on or adjacent to old State Street Dump and are being monitored for Methane. Presently conducting long term methane monitoring
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Jerry Stahnke
Created Date:	12/30/1998
Last Update Date:	12/24/2013
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493862.53125
Utm North:	4976024.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4350
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

SIte Event Log:

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP4350
Event:	1
Additional Information:	Date unknown (auto-appended event)...
Record Number:	12282

Date Started:	Not reported
Date End:	1994-01-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2002-05-07 00:00:00
Facid:	VP4350
Event:	1
Additional Information:	None Entered
Record Number:	13920

Date Started:	Not reported
Date End:	2007-07-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2007-07-18 00:00:00
Facid:	VP4350
Event:	1
Additional Information:	Review of 2007 Methane Monitoring Results
Record Number:	27250

Date Started:	Not reported
Date End:	2012-12-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2012-12-17 00:00:00
Facid:	VP4350
Event:	1
Additional Information:	#916286#MPCA Letter to Wellington re Options
Record Number:	35794

Date Started:	1993-11-30 00:00:00
Date End:	2012-12-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-13 00:00:00
Facid:	VP4350
Event:	1
Additional Information:	None
Record Number:	38779

Date Started:	Not reported
Date End:	1994-01-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-07-07 00:00:00
Facid:	VP4350

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Event: 1
Additional Information: None
Record Number: 3183

Date Started: 1997-12-01 00:00:00
Date End: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2001-05-01 00:00:00
Facid: VP4350
Event: 1
Additional Information: Annual Methane Monitoring
Record Number: 10875

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-12-30 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-5573
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-08-24 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3294

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-12-30 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1
Company Name:	Wellington Management, Inc.
Contact Address:	1625 Energy Park Drive, Suite 100
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-06-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-02-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	Wellington Management, Inc.
Contact Address:	1625 Energy Park Drive
Contact Address 2:	Suite 100

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6519995501
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	swellington@wellingtonmgt.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Wellington management Inc
Contact Address:	413 Wacouta Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512929844
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

J75 **JASPER ENGINES & TRANSMISSION EXCHANGE** **RCRA-CESQG** **1004729460**
SW **268 E LAFAYETTE FRONTAGE RD** **MND980896435**
1/8-1/4 **ST. PAUL, MN 55107**
0.185 mi.
976 ft. **Site 8 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

RCRA-CESQG:

Date form received by agency:	07/21/1997
Facility name:	JASPER ENGINES & TRANSMISSION EXCHANGE
Facility address:	268 E LAFAYETTE FRONTAGE RD ST. PAUL, MN 55107-1217
EPA ID:	MND980896435
Contact:	BILL HEUER
Contact address:	268 E LAFAYETTE FRONTAGE RD ST. PAUL, MN 55107-1217
Contact country:	US
Contact telephone:	763-424-5899
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less

JASPER ENGINES & TRANSMISSION EXCHANGE (Continued) **1004729460**

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	312-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JASPER ENGINE AND TRANSMISSION EXCHANGE
Owner/operator address:	815 WERNSING JASPER, IN 47546
Owner/operator country:	Not reported
Owner/operator telephone:	800-827-1041
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JASPER ENGINES & TRANSMISSION EXCHANGE
Owner/operator address:	268 E LAFAYETTE FRONTAGE RD ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	763-424-5899
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/26/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

JASPER ENGINES & TRANSMISSION EXCHANGE (Continued) **1004729460**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: X001
. Waste name: WASTE OILS

Historical Generators:
Date form received by agency: 03/02/1993
Site name: JASPER ENGINES AND TRANSMISSION EXCHANGE
Classification: Not a generator, verified

Violation Status: No violations found

J76 **RIVERVIEW BUSINESS PARK** **MN BROWNFIELDS S119124614**
SW **268-380 LAFAYETTE FREEWAY** **MN WIMN N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 9 of 17 in cluster J**

Relative: **Higher**
Actual: **703 ft.**

BROWNFIELDS:
Site ID: VP4350
Leak Num: Not reported
Owner Name: Unknown
Leak Source: Not reported
Response Action Date: Not reported
Site Acreage: Not reported
Item Id: 187944-AREA0000000001
AI ID: 187944
AI Name: Riverview Business Park
Site type: Brownfield Site
Hydro: Rick Jolley (former)
Project Manager: Rick Jolley (former)
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 11/30/1993
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 12/17/2012
Owner Address: 520 Lafayette Rd N
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55155
Latitude: 44.93775194
Longitude: -93.07177748

WIMN:
Status: Y

RIVERVIEW BUSINESS PARK (Continued) **S119124614**

Latitude:	44.937097809999997
Longitude:	-93.071684329999997
Item ID:	187944-AISI0000187944
AI ID:	187944
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	187944
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205cd
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	cd
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	03/09/2018
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	03/09/2018
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50646461
Activity:	Multiple Activities
Activity List:	Brownfields, Petroleum Brownfield; Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	BF0000682; PB4793; VP4350; VP4351; VP4352
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944

J77 **RIVERVIEW BUSINESS PLAZA** **MN VIC S117898545**
SW **268-380 LAFAYETTE FREEWAY** **MN SRS N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 10 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

VIC:

Facility ID:	VP4352
Facility Type:	Brownfield Site
Item ID:	187944-AREA0000000003
AI ID:	187944
AI Name:	Riverview Business Park
Hydro:	Gerald Stahnke (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/23/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP4352
Facility Address 2:	Not reported
Core Program Interest ID:	73684574
Link ID:	4366
Site Type:	Dump (Unpermitted)
Active?:	True
Pay Complete:	False
MPCA Region:	Metro
Site Size:	13.5
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	276-294, 296-312, 314-332, 334-346, and 380 Chester St and 264-308 East Lafayette Rd
Natural Resource Damage:	False
Cleanup Cost:	Not reported

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Notes:	The Sites are constructed on the Old State Dump. Buildings C and D had new floors and methane venting systems installled. Building E did not require a new floor at that time. All three buildings are conducting long term methane gas monitoring in accordance with the No Association Letter issued 8/11/95
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	04/23/2015
Last Update Date:	04/24/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493862.53125
Utm North:	4976024.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP4352
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 2015-04-23 00:00:00
Date End: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-04-24 00:00:00
Facid: VP4352
Event: 1
Additional Information: None Entered
Record Number: 40772

Date Started: Not reported
Date End: 2015-06-19 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-06-30 00:00:00
Facid: VP4352
Event: 1
Additional Information: Lender NAD
Record Number: 40994

Date Started: Not reported
Date End: 2015-06-25 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-06-30 00:00:00
Facid: VP4352
Event: 1
Additional Information: NAD
Record Number: 40995

Date Started: Not reported
Date End: 2015-06-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-06-30 00:00:00
Facid: VP4352
Event: 1
Additional Information: None Entered
Record Number: 40996

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: % LEL
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 100
Date Info Last Updated: 2000-04-11 00:00:00

Contacts:
Contact Type: 1
Company Name: RBP Realty LLC

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Contact Address:	1625 Energy Park Dr
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512929844
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952494
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	sanelson@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572753
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572753

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

SRS:

Facility ID:	VP4352
Item ID:	187944-AREA0000000003
AI ID:	187944
AI Name:	Riverview Business Park
Facility Type:	Brownfield Site
Hydro:	Gerald Stahnke (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/23/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	13.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150002
Act Desc:	Brownfield Site
Status:	Not reported

Prior Aug 2016:

Facility ID:	VP4352
Facility Adress 2:	Not reported
Core Program Interest ID:	73684574
Link ID:	4366
Site Type:	Dump (Unpermitted)
Active?:	True
Pay Complete:	False
MPCA Region:	Metro

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Site Size:	13.5
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	276-294, 296-312, 314-332, 334-346, and 380 Chester St and 264-308 East Lafayette Rd
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	The Sites are constructed on the Old State Dump. Buildings C and D had new floors and methane venting systems installled. Building E did not require a new floor at that time. All three buildings are conducting long term methane gas monitoring in accordance with the No Association Letter issued 8/11/95
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	04/23/2015
Last Update Date:	04/24/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493862.53125
Utm North:	4976024.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP4352
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2015-04-23 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-04-24 00:00:00
Facid:	VP4352
Event:	1
Additional Information:	None Entered
Record Number:	40772

Date Started:	Not reported
Date End:	2015-06-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-06-30 00:00:00
Facid:	VP4352
Event:	1
Additional Information:	Lender NAD
Record Number:	40994

Date Started:	Not reported
Date End:	2015-06-25 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-06-30 00:00:00
Facid:	VP4352
Event:	1
Additional Information:	NAD
Record Number:	40995

Date Started:	Not reported
Date End:	2015-06-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-06-30 00:00:00
Facid:	VP4352

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Event: 1
Additional Information: None Entered
Record Number: 40996

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: % LEL
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 100
Date Info Last Updated: 2000-04-11 00:00:00

Contacts:
Contact Type: 1
Company Name: RBP Realty LLC
Contact Address: 1625 Energy Park Dr
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512929844
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2015-04-24 00:00:00
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: 0

Contact Type: 1
Company Name: Braun Intertec
Contact Address: 11001 Hampshire Ave S
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 9529952494
Contact Phone Ext: Not reported
Contact Fax: 0000000000
Contact E-mail: sanelson@braunintertec.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 2015-04-24 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 0

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6517572753

RIVERVIEW BUSINESS PLAZA (Continued) **S117898545**

Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572753
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

J78 **JASPER ENGINES & TRANSMISSION EXCHANGE** **MN MANIFEST** **S119128308**
SW **268 E LAFAYETTE FRONTAGE RD** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 11 of 17 in cluster J**

Relative: **Higher**

Actual: **703 ft.**

MANIFEST:

Manifest ID:	341680
Generator ID:	MND980896435
Generator AI ID:	32422
Transporter 1 ID:	TXD988052494
Transporter 1 AI ID:	44759
Transporter 1 AI Name:	Us Pollution Control Inc
Transporter 1 Address:	24125 Aldine Westfield Rd
Transporter 1 City:	Spring
Transporter 1 State:	TX
Transporter 1 ZIP:	77373-9015
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	KSD007246846
TSD AI ID:	29434
TSD AI Name:	Hydrocarbon Recyclers Inc
TSD Address:	2549 New York St
TSD City:	Wichita
TSD State:	KS
TSD Zip:	67219-4322

JASPER ENGINES & TRANSMISSION EXCHANGE (Continued) **S119128308**

Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1992-02-28 00:00:00
Gen Ship Date:	1992-02-05 00:00:00
Trans 1 Recd Date:	1992-02-05 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-02-07 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	32422
Generator ID:	MND980896435
Generator AI Name:	Jasper Engines & Transmission Exchange
Generator Contact:	Bill Heuer
Contact Address:	268 E Lafayette Frontage Rd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	763-424-5899

Detail:

Manifest ID:	341680
Manifest Row:	1
Haz Material Name:	TRICHLOROTRIFLUROETHANE
Haz Class Number:	Not reported
UN NA Number:	NA9189
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	450
Waste Units Code:	IB
Waste Code List:	F001

J79 **MICRO MEDICS INCORPORATED** **NY MANIFEST** **S122481977**
SW **268 E LAFAYETTE FRONTAGE RD** **N/A**
1/8-1/4 **ST. PAUL, MN 55107**
0.185 mi.
976 ft. **Site 12 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

NY MANIFEST:

Country:	USA
EPA ID:	MND980896435
Facility Status:	Not reported
Location Address 1:	268 EAST LAFAYETTE FRONTAGE RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	ST. PAUL
Location State:	MN
Location Zip:	55107
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	MND980896435
Mailing Name:	MICRO MEDICS INCORPORATED
Mailing Contact:	MICRO MEDICS INCORPORATED
Mailing Address 1:	268 EAST LAFAYETTE FRONTAGE RD

MICRO MEDICS INCORPORATED (Continued) **S122481977**

Mailing Address 2:	Not reported
Mailing City:	ST PAUL
Mailing State:	MN
Mailing Zip:	55107
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

NY MANIFEST:

Document ID:	NYA3137231
Manifest Status:	C
seq:	Not reported
Year:	1986
Trans1 State ID:	MNST81705
Trans2 State ID:	CG2715
Generator Ship Date:	08/19/1986
Trans1 Recv Date:	08/19/1986
Trans2 Recv Date:	08/22/1986
TSD Site Recv Date:	08/25/1986
Part A Recv Date:	09/03/1986
Part B Recv Date:	09/03/1986
Generator EPA ID:	MND980896435
Trans1 EPA ID:	WID066888017
Trans2 EPA ID:	WID066888017
TSDF ID 1:	NYD043815703
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)

MICRO MEDICS INCORPORATED (Continued) **S122481977**

Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

J80 **RIVERVIEW BUSINESS PLAZA** **MN SRS** **S119123103**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 13 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

SRS:

Facility ID:	PB4793
Item ID:	187944-AREA0000000004
AI ID:	187944
AI Name:	Riverview Business Park
Facility Type:	Brownfield Site
Hydro:	Mike Connolly
Project Manager:	Mark Koplitz
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	13
BPET:	Y
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150001
Act Desc:	Brownfield Site
Status:	Active / Existing

J81 **STATE STREET DUMP** **MN BROWNFIELDS** **S103908989**
SW **SEE LOCATION DESCRIPTION** **MN WIMN** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 14 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

BROWNFIELDS:

Site ID:	VP5920
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	185515-AREA0000000003
AI ID:	185515
AI Name:	State Street Dump
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	05/04/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/2002
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93886185
Longitude:	-93.07369995

WIMN:

Status:	Y
Latitude:	44.938862440000001
Longitude:	-93.073699110000007
Item ID:	185515-AISI0000185515
AI ID:	185515
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	185515
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206

STATE STREET DUMP (Continued) **S103908989**

USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205db
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	db
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50647946
Activity:	Multiple Activities
Activity List:	Brownfields, Voluntary Investigation and Cleanup; CERCLIS Site; Site Assessment
MPCA ID:	Multiple IDs
MPCA List:	MND985678994; SA0004192; SA0008440; VP5920; VP5921
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515

J82 **RIVERVIEW BUSINESS PARK #2** **MN BROWNFIELDS** **S119124613**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 15 of 17 in cluster J**

Relative: **Higher**
Actual: **703 ft.**

BROWNFIELDS:

Site ID:	VP4351
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	187944-AREA0000000002
AI ID:	187944
AI Name:	Riverview Business Park
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported

RIVERVIEW BUSINESS PARK #2 (Continued) **S119124613**

Application / Notification Received:	04/18/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/03/1999
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93584475
Longitude:	-93.07834692

J83 **RIVERVIEW BUSINESS CENTER** **MN SRS** **S122370836**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 16 of 17 in cluster J**

Relative: **Higher**

Actual: **703 ft.**

SRS:

Facility ID:	BF0000682
Item ID:	187944-AREA0000000005
AI ID:	187944
AI Name:	Riverview Business Park
Facility Type:	Brownfield Site
Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.93709687
Longitude:	-93.07168589
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/02/2018
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/25/2018
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	9.76
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20180001
Act Desc:	Brownfield Site
Status:	Active / Existing

J84 **RIVERVIEW BUSINESS CENTER** **MN VIC** **S122371163**
SW **268-380 LAFAYETTE FREEWAY** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.185 mi.
976 ft. **Site 17 of 17 in cluster J**

Relative:
Higher

Actual:
703 ft.

VIC:

Facility ID:	BF0000682
Facility Type:	Brownfield Site
Item ID:	187944-AREA0000000005
AI ID:	187944
AI Name:	Riverview Business Park
Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.93709687
Longitude:	-93.07168589
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187944
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/02/2018
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/25/2018
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

H85 **EATON STREET PROPERTIES** **MN BROWNFIELDS** **S119124162**
WSW **SEE LOCATION DESCRIPTION** **MN WIMN** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.188 mi.
992 ft. **Site 3 of 8 in cluster H**

Relative:
Higher

Actual:
700 ft.

BROWNFIELDS:

Site ID:	VP5922
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	187723-AREA0000000001
AI ID:	187723
AI Name:	Eaton Street Properties
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	GPS - Unknown
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187723
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/22/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported

EATON STREET PROPERTIES (Continued) **S119124162**

Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/12/2001
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93886244
Longitude:	-93.0736991

WIMN:

Status:	Y
Latitude:	44.938862399999998
Longitude:	-93.073699099999999
Item ID:	187723-AISI0000187723
AI ID:	187723
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	187723
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	G9
Method Description:	GPS - Unknown
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/25/2008
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	55169999

EATON STREET PROPERTIES (Continued) **S119124162**

Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	VP5922; VP5923
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187723

H86 **CHESTER STREET FEDEX FACILITY** **MN BROWNFIELDS** **S119124080**
WSW **SEE LOCATION DESCRIPTION** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.188 mi.
992 ft. **Site 4 of 8 in cluster H**

Relative: **Higher**
Actual: **700 ft.**

BROWNFIELDS:

Site ID:	VP5923
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	187723-AREA0000000002
AI ID:	187723
AI Name:	Eaton Street Properties
Site type:	Brownfield Site
Hydro:	Timothy Lockrem
Project Manager:	Gary Krueger
Coord Collection Method:	GPS - Unknown
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187723
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/08/2014
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93886244
Longitude:	-93.0736991

H87 **EATON STREET PROPERTIES** **MN VIC** **S103813553**
WSW **SEE LOCATION DESCRIPTION** **MN SRS** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107** **MN VAPOR**
0.188 mi.
992 ft. **Site 5 of 8 in cluster H**

Relative: **Higher**
Actual: **700 ft.**

VIC:

Facility ID:	VP5922
Facility Type:	Brownfield Site
Item ID:	187723-AREA0000000001
AI ID:	187723

EATON STREET PROPERTIES (Continued) **S103813553**

AI Name:	Eaton Street Properties
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93886244
Longitude:	-93.0736991
Coord Collection Method:	GPS - Unknown
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187723
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/22/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/12/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP5922
Facility Address 2:	Eaton and Lafayette Freeway
Core Program Interest ID:	55170001
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	9.4499998
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	-
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	File archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	T. Cramlet
Created Date:	04/27/1999
Last Update Date:	07/14/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported

EATON STREET PROPERTIES (Continued) **S103813553**

MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5922
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported

EATON STREET PROPERTIES (Continued) **S103813553**

Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-07-14 00:00:00
Inst Control Info Updated:	2006-07-14 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1999-04-22 00:00:00
Date End:	2001-06-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-04-28 00:00:00
Facid:	VP5922
Event:	1
Additional Information:	None Entered
Record Number:	7232

EATON STREET PROPERTIES (Continued) **S103813553**

Date Started: Not reported
Date End: 1999-07-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: Not reported
Facid: VP5922
Event: 1
Additional Information: None Entered
Record Number: 7829

Date Started: Not reported
Date End: 2000-06-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-11-13 00:00:00
Facid: VP5922
Event: 1
Additional Information: 3 groundwater samples collected from 2 point-driven temp wells. Analyzed for DRO, SVOCs, and metals
Record Number: 9865

Date Started: Not reported
Date End: 2000-11-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-11-28 00:00:00
Facid: VP5922
Event: 1
Additional Information: Contingency Plan for floodwall construction; approved with modifications
Record Number: 9909

Date Started: Not reported
Date End: 2000-11-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-11-30 00:00:00
Facid: VP5922
Event: 1
Additional Information: Reissuance of July 1999 NAD with addn of ground water contaminants identified during 2000 investigation
Record Number: 9914

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3.9000001
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported

EATON STREET PROPERTIES (Continued) **S103813553**

Max Residual Contamination: 3.9000001
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 5.8000002
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 61
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.8000002
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 490
Date Info Last Updated: 2000-11-13 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-04-28 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported

EATON STREET PROPERTIES (Continued) **S103813553**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	Metro Airports Commission
Contact Address:	6040 28th Avenue South
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MAC, Environmental Staff
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127258371
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-07-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Wenck Associates
Contact Address:	1802 Wooddale Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512944587
Contact Phone Ext:	Not reported
Contact Fax:	6512281969

EATON STREET PROPERTIES (Continued) **S103813553**

Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-07-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP5922
Item ID:	187723-AREA0000000001
AI ID:	187723
AI Name:	Eaton Street Properties
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93886244
Longitude:	-93.0736991
Coord Collection Method:	GPS - Unknown
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187723
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/22/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/12/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	9.45
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19990001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP5922
Facility Adress 2:	Eaton and Lafayette Freeway
Core Program Interest ID:	55170001
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	9.4499998
Score:	0

EATON STREET PROPERTIES (Continued) **S103813553**

Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	-
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	File archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	T. Cramlet
Created Date:	04/27/1999
Last Update Date:	07/14/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15

EATON STREET PROPERTIES (Continued) **S103813553**

Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5922
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1

EATON STREET PROPERTIES (Continued) **S103813553**

Jordan: 1
Ironton/Galesville: 1
Mt Simon Hinckley: 1
Precambrian Undefferentiated: 1
Other/Unknown Aquifier: 1
Date Info Last Updated: 2006-07-14 00:00:00
Inst Control Info Updated: 2006-07-14 00:00:00
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 1999-04-22 00:00:00
Date End: 2001-06-12 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1999-04-28 00:00:00
Facid: VP5922
Event: 1
Additional Information: None Entered
Record Number: 7232

Date Started: Not reported
Date End: 1999-07-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: Not reported
Facid: VP5922
Event: 1
Additional Information: None Entered
Record Number: 7829

Date Started: Not reported
Date End: 2000-06-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-11-13 00:00:00
Facid: VP5922
Event: 1
Additional Information: 3 groundwater samples collected from 2 point-driven temp wells. Analyzed for DRO, SVOCs, and metals
Record Number: 9865

Date Started: Not reported
Date End: 2000-11-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-11-28 00:00:00
Facid: VP5922
Event: 1
Additional Information: Contingency Plan for floodwall construction; approved with modifications
Record Number: 9909

Date Started: Not reported

EATON STREET PROPERTIES (Continued) **S103813553**

Date End: 2000-11-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-11-30 00:00:00
Facid: VP5922
Event: 1
Additional Information: Reissuance of July 1999 NAD with addn of ground water contaminants identified during 2000 investigation
Record Number: 9914

Contact Info:

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3.9000001
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3.9000001
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 5.8000002
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 61
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.8000002
Date Info Last Updated: 2000-11-13 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 490

EATON STREET PROPERTIES (Continued) **S103813553**

Date Info Last Updated: 2000-11-13 00:00:00

Contacts:

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-04-28 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-5573
Contact Phone Ext: Not reported
Contact Fax: 651-296-9707
Contact E-mail: rick.jolley@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-04-28 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3294

Contact Type: 1
Company Name: Metro Airports Commission
Contact Address: 6040 28th Avenue South
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-04-28 00:00:00
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: 0

Contact Type: 1
Company Name: MAC, Environmental Staff
Contact Address: Not reported

EATON STREET PROPERTIES (Continued) **S103813553**

Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127258371
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-07-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Wenck Associates
Contact Address:	1802 Wooddale Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512944587
Contact Phone Ext:	Not reported
Contact Fax:	6512281969
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-07-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

VAPOR:

Site ID:	VP5922
Delta Site ID:	187723
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187723
AI Name:	Eaton Street Properties
Vapor Concern at Site:	Priority Superfund Site
Item ID:	187723-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	GPS - Unknown
Latitude:	44.93886244
Longitude:	-93.0736991

H88 **STATE STREET DUMP** **MN SRS** **S122371131**
WSW **SEE LOCATION DESCRIPTION** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.188 mi.
993 ft. **Site 6 of 8 in cluster H**

Relative:
Higher

Actual:
700 ft.

SRS:

Facility ID:	VP5920
Item ID:	185515-AREA0000000003
AI ID:	185515
AI Name:	State Street Dump
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)

STATE STREET DUMP (Continued) **S122371131**

Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93886185
Longitude:	-93.07369995
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	05/04/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/2002
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	100
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19950001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP5920
Facility Adress 2:	Not reported
Core Program Interest ID:	337806
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	100
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Wenck has maps in their report, it is a very large old city of St. Paul dump on the River Flats on the lower West Side which is now known as the Riverview Industrial Park
Natural Resource Damage:	False

STATE STREET DUMP (Continued) **S122371131**

Cleanup Cost:	Not reported
Notes:	A Large area shallow dump which is now and industrial park. The primary contaminants of concern are methane gas and lead
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	05/04/1995
Last Update Date:	08/25/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported

STATE STREET DUMP (Continued) **S122371131**

Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5920
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2001-10-18 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

STATE STREET DUMP (Continued) **S122371131**

SIte Event Log:

Date Started:	1995-05-04 00:00:00
Date End:	2002-01-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	None
Record Number:	3571

Date Started:	Not reported
Date End:	2001-05-25 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-05-30 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	Letter to Garvey (Port) and White (St. Paul) Request for Annual Reporting and Contingency Plan
Record Number:	11059

Date Started:	Not reported
Date End:	2001-03-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-20 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	Methane Study Report
Record Number:	10700

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-20 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	Methane Investigation
Record Number:	10701

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-03-31 00:00:00

Contacts:

Contact Type:	1
Company Name:	Briggs and Morgan
Contact Address:	2200 IDS Center
Contact Address 2:	Not reported

STATE STREET DUMP (Continued) **S122371131**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	City of St. Paul
Contact Address:	25 4th St W
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	City of St. Paul
Contact Address:	150 West Kellog Boulevard
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122668510
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-03-31 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707

STATE STREET DUMP (Continued) **S122371131**

Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-10-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-03-31 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	Port Authority of the City of St. Paul
Contact Address:	1900 Landmark Tower
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-07-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Wenck Associates
Contact Address:	1802 Wooddale Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512944581
Contact Phone Ext:	Not reported
Contact Fax:	6512281969
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

STATE STREET DUMP (Continued) **S122371131**

Contact Type:	1
Company Name:	Briggs & Morgan
Contact Address:	First National Bank Building
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122236600
Contact Phone Ext:	Not reported
Contact Fax:	6122236450
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Port Authority of St. Paul
Contact Address:	1900 Landmark Tower
Contact Address 2:	345 St. Peter Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	City of St. Paul
Contact Address:	140 City Hall
Contact Address 2:	Dept. of Tech. and Mgmt. Services
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

H89 **STATE STREET DUMP** **MN VIC** **S122371274**
WSW **SEE LOCATION DESCRIPTION** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.188 mi.
993 ft. **Site 7 of 8 in cluster H**

Relative:
Higher

Actual:
700 ft.

VIC:

Facility ID:	VP5920
Facility Type:	Brownfield Site
Item ID:	185515-AREA0000000003
AI ID:	185515
AI Name:	State Street Dump
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93886185
Longitude:	-93.07369995
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	05/04/1995
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/2002
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP5920
Facility Address 2:	Not reported
Core Program Interest ID:	337806
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	100
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Wenck has maps in their report, it is a very large old city of St. Paul dump on the River Flats on the lower West Side which is now known as the Riverview Industrial Park
Natural Resource Damage:	False

STATE STREET DUMP (Continued) **S122371274**

Cleanup Cost:	Not reported
Notes:	A Large area shallow dump which is now and industrial park. The primary contaminants of concern are methane gas and lead
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	05/04/1995
Last Update Date:	08/25/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported

STATE STREET DUMP (Continued) **S122371274**

PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5920
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2001-10-18 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

STATE STREET DUMP (Continued) **S122371274**

SIte Event Log:

Date Started:	1995-05-04 00:00:00
Date End:	2002-01-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	None
Record Number:	3571

Date Started:	Not reported
Date End:	2001-05-25 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-05-30 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	Letter to Garvey (Port) and White (St. Paul) Request for Annual Reporting and Contingency Plan
Record Number:	11059

Date Started:	Not reported
Date End:	2001-03-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-20 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	Methane Study Report
Record Number:	10700

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-20 00:00:00
Facid:	VP5920
Event:	1
Additional Information:	Methane Investigation
Record Number:	10701

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-03-31 00:00:00

Contacts:

Contact Type:	1
Company Name:	Briggs and Morgan
Contact Address:	2200 IDS Center
Contact Address 2:	Not reported

STATE STREET DUMP (Continued) **S122371274**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	City of St. Paul
Contact Address:	25 4th St W
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	City of St. Paul
Contact Address:	150 West Kellog Boulevard
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122668510
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-03-31 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707

STATE STREET DUMP (Continued) **S122371274**

Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-10-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-03-31 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	Port Authority of the City of St. Paul
Contact Address:	1900 Landmark Tower
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-07-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Wenck Associates
Contact Address:	1802 Wooddale Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512944581
Contact Phone Ext:	Not reported
Contact Fax:	6512281969
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

STATE STREET DUMP (Continued) **S122371274**

Contact Type:	1
Company Name:	Briggs & Morgan
Contact Address:	First National Bank Building
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122236600
Contact Phone Ext:	Not reported
Contact Fax:	6122236450
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-04-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Port Authority of St. Paul
Contact Address:	1900 Landmark Tower
Contact Address 2:	345 St. Peter Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	City of St. Paul
Contact Address:	140 City Hall
Contact Address 2:	Dept. of Tech. and Mgmt. Services
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-30 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

H90 **STATE STREET DUMP** **MN LS** **S103314253**
WSW **SEE LOCATION DESCRIPTION** **N/A**
1/8-1/4 **ST. PAUL, MN 55107**
0.188 mi.
993 ft. **Site 8 of 8 in cluster H**

Relative: MN LS:
Higher

Link ID:	836
EPA ID:	MND985678994
MPCA ID:	VP5922
Method:	I1
CERCLIS:	Yes
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	Yes
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

Actual:
700 ft.

K91 **C & G OFFICE PRODUCTS** **MN MANIFEST** **S119129406**
SSW **272 E LAFAYETTE RD** **N/A**
1/8-1/4 **SAINT PAUL, MN 55155**
0.202 mi.
1068 ft. **Site 1 of 2 in cluster K**

Relative: MANIFEST:
Higher

Manifest ID:	563551
Generator ID:	MNP200000348
Generator AI ID:	133750
Transporter 1 ID:	MND982205437
Transporter 1 AI ID:	28374
Transporter 1 AI Name:	Bay West Inc
Transporter 1 Address:	5 Empire Dr
Transporter 1 City:	Saint Paul
Transporter 1 State:	MN
Transporter 1 ZIP:	55103
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981190242
TSD AI ID:	36830
TSD AI Name:	Aptus Nei
TSD Address:	21750 Cedar Ave
TSD City:	Lakeville
TSD State:	MN
TSD Zip:	55044
Gen Copy Recd Date:	10/12/1994 0:00:00
Fac Copy Recd Date:	1994-10-07 00:00:00
Gen Ship Date:	1994-09-30 00:00:00
Trans 1 Recd Date:	1994-09-30 00:00:00

Actual:
709 ft.

C & G OFFICE PRODUCTS (Continued) **S119129406**

Trans 2 Recd Date: Not reported
Tsd Recd Date: 1994-09-30 00:00:00
Comments: Not reported

Detail:
Manifest ID: 563551
Manifest Row: 1
Haz Material Name: FORMALDEHYDE
Haz Class Number: Not reported
UN NA Number: UN2209
Packing Group Number: Not reported
Container Qty: 1
Container Code: DMPF
Waste Qty: 50
Waste Units Code: IB
Waste Code List: U122

K92
SSW
1/8-1/4
0.202 mi.
1068 ft.

C & G OFFICE PRODUCTS **MN SPILLS** **S110184326**
272 E LAFAYETTE RD **MN Financial Assurance** **N/A**
SAINT PAUL, MN 55155 **MN WIMN**

Site 2 of 2 in cluster K

Relative: Higher

Actual: 709 ft.

SPILLS:
Program ID: 178075
Preferred ID: 20221
Incident ID: 20221
edr_fcity: ST. PAUL
Incident Date: 9/30/1994
Program: Emergency Management
Incident Types: Spill or Release
Duty Officer Number: Not reported
Lead Investigator: Dan Hannan
Incident Status: Closed or Completed
Closure Type: Not reported
AI ID source: Not reported
Source name: OVERNIGHT TRANSPORT
Source Address: Not reported
Source City: Not reported
Source State: Not reported
Source ZIP: Not reported
Substance: Unknown
Quantity: 5
Units: pounds
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 178075
Facility Address 2: Not reported
Spill Date: Not reported

SPILLS:
Program ID: 178075
Spill Incident Accuracy ID: 72313
Spill Product Code: 37

C & G OFFICE PRODUCTS (Continued) **S110184326**

Spill Qty Units:	6
Spill Incident Accuracy:	2
Spill Released Qty:	5
Tmsp Added:	03/21/1996 00:00:00
Tmsp Last Update:	05/04/2002 07:03:40
Staff ID Last Update:	TANKS

MN Financial Assurance 1:

PROGRAM ID:	178075
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	246212
Interest Telephone:	Not reported
Preferred ID:	20221
Interest Start Date:	03/21/1996
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	03/21/1996
TMSP Last Update:	05/04/2002 07:03:40
Staff ID Last Update:	TANKS
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	*NO FILE*

WIMN:

Status:	N
Latitude:	45.015294969999999
Longitude:	-93.099240309999999
Item ID:	133750-AISI0000133750
AI ID:	133750
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	133750
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239573
City, Township or Unorganized Name:	Little Canada
Congressional District Code:	4
House District:	42B
Senate District:	42
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060801

C & G OFFICE PRODUCTS (Continued) **S110184326**

USGS 12-digits Name:	Vadnais Lake
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	07/27/1999
The Delta Spatial ID:	22692
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNP200000348
MPCA List:	MNP200000348
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=133750

WIMN:

Legislative District:	42B
Latitude:	45.01704448
Longitude:	-93.09951590
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNP200000348
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30832
Coordinate Collection Method:	County Centroid
Status:	Inactive

L93 **528 PARTNERSHIP LLP BROWN & BIGELOW BLDG** **MN MANIFEST** **S119127444**
WNW **345 E PLATO BLVD** **MN NPDES** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.204 mi.
1079 ft. **Site 1 of 5 in cluster L**

Relative:
Higher

Actual:
702 ft.

MANIFEST:

Manifest ID:	37381
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	MND000685941
Transporter 1 AI ID:	37345
Transporter 1 AI Name:	Solvoil Service & Supply Co
Transporter 1 Address:	6401 Industrial Dr
Transporter 1 City:	Hopkins
Transporter 1 State:	MN

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Transporter 1 ZIP:	55343
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND000685941
TSD AI ID:	37345
TSD AI Name:	Solvoil Service & Supply Co
TSD Address:	6401 Industrial Dr
TSD City:	Hopkins
TSD State:	MN
TSD Zip:	55343
Gen Copy Recd Date:	3/5/1990 0:00:00
Fac Copy Recd Date:	1990-03-05 00:00:00
Gen Ship Date:	1990-02-28 00:00:00
Trans 1 Recd Date:	1990-02-28 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-02-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37381
Manifest Row:	1
Haz Material Name:	FLAMMABLE LIQUID NOS
Haz Class Number:	Not reported
UN NA Number:	UN1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	TKTT
Waste Qty:	245
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	37382

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	MND000685941
Transporter 1 AI ID:	37345
Transporter 1 AI Name:	Solvoil Service & Supply Co
Transporter 1 Address:	6401 Industrial Dr
Transporter 1 City:	Hopkins
Transporter 1 State:	MN
Transporter 1 ZIP:	55343
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND000685941
TSD AI ID:	37345
TSD AI Name:	Solvoil Service & Supply Co
TSD Address:	6401 Industrial Dr
TSD City:	Hopkins
TSD State:	MN
TSD Zip:	55343
Gen Copy Recd Date:	3/12/1990 0:00:00
Fac Copy Recd Date:	1990-03-12 00:00:00
Gen Ship Date:	1990-03-08 00:00:00
Trans 1 Recd Date:	1990-03-08 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-03-08 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37382
Manifest Row:	1
Haz Material Name:	COMBUSITBLE LIQUID NOS
Haz Class Number:	Not reported
UN NA Number:	UN1993
Packing Group Number:	Not reported

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Container Qty:	1
Container Code:	TKTT
Waste Qty:	475
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	37383
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-04-05 00:00:00
Gen Ship Date:	1990-04-03 00:00:00
Trans 1 Recd Date:	1990-04-03 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-04-04 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Detail:

Manifest ID:	37383
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	86
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	37384
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	MND059028886
Transporter 1 AI ID:	40875
Transporter 1 AI Name:	Brenntag Great Lakes LLC - Roseville
Transporter 1 Address:	2340 Rose Pl
Transporter 1 City:	Roseville
Transporter 1 State:	MN
Transporter 1 ZIP:	55113
Transporter 2 ID:	WID023350192
Transporter 2 AI ID:	40237
Transporter 2 AI Name:	Brenntag Great Lakes LLC
Transporter 2 Address:	N59 W14706 Bobolink Ave
Transporter 2 City:	Menomonee Falls
Transporter 2 State:	WI
Transporter 2 ZIP:	53051
TSD ID:	WID023350192
TSD AI ID:	40237
TSD AI Name:	Brenntag Great Lakes LLC
TSD Address:	N59 W14706 Bobolink Ave
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	12/29/1994 0:00:00
Fac Copy Recd Date:	1995-01-06 00:00:00
Gen Ship Date:	1994-12-22 00:00:00
Trans 1 Recd Date:	1994-12-22 00:00:00
Trans 2 Recd Date:	12/28/1994 0:00:00
Tsd Recd Date:	1994-12-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37384
Manifest Row:	1
Haz Material Name:	WASTE NAPHTHA SOLVENT
Haz Class Number:	Not reported
UN NA Number:	UN1256
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	15
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	37385
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	MND059028886
Transporter 1 AI ID:	40875
Transporter 1 AI Name:	Brenntag Great Lakes LLC - Roseville
Transporter 1 Address:	2340 Rose Pl
Transporter 1 City:	Roseville
Transporter 1 State:	MN
Transporter 1 ZIP:	55113
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	WID023350192
TSD AI ID:	40237
TSD AI Name:	Brenntag Great Lakes LLC
TSD Address:	N59 W14706 Bobolink Ave
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	1/24/1995 0:00:00
Fac Copy Recd Date:	1995-02-01 00:00:00
Gen Ship Date:	1995-01-18 00:00:00
Trans 1 Recd Date:	1995-01-18 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1995-01-25 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Generator Contact: G Antoline
Contact Address: 345 E Plato Blvd
Contact City: Saint Paul
Contact State: MN
Contact Zip: 55107
Contact Email: Not reported
Contact Phone: 999-999-9999

NAIC:
Generator AI ID: 3652
Generator ID: MND000826214
Generator AI Name: 528 Partnership LLP Brown & Bigelow Bldg
NAIC Code: 323111
NAIC Desc: 323111 - Commercial Printing (except Screen and Books)

Detail:
Manifest ID: 37385
Manifest Row: 1
Haz Material Name: NAPHTHA SOLVENT
Haz Class Number: Not reported
UN NA Number: UN1256
Packing Group Number: Not reported
Container Qty: 1
Container Code: DMML
Waste Qty: 15
Waste Units Code: AD
Waste Code List: D001

Manifest ID: 37386
Generator ID: MND000826214
Generator AI ID: 3652
Transporter 1 ID: MND059028886
Transporter 1 AI ID: 40875
Transporter 1 AI Name: Brenntag Great Lakes LLC - Roseville
Transporter 1 Address: 2340 Rose Pl
Transporter 1 City: Roseville
Transporter 1 State: MN
Transporter 1 ZIP: 55113
Transporter 2 ID: WID023350192
Transporter 2 AI ID: 40237
Transporter 2 AI Name: Brenntag Great Lakes LLC
Transporter 2 Address: N59 W14706 Bobolink Ave
Transporter 2 City: Menomonee Falls
Transporter 2 State: WI
Transporter 2 ZIP: 53051
TSD ID: WID023350192
TSD AI ID: 40237
TSD AI Name: Brenntag Great Lakes LLC
TSD Address: N59 W14706 Bobolink Ave
TSD City: Menomonee Falls
TSD State: WI
TSD Zip: 53051
Gen Copy Recd Date: 2/22/1995 0:00:00
Fac Copy Recd Date: 1995-02-27 00:00:00
Gen Ship Date: 1995-02-14 00:00:00

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Trans 1 Recd Date:	1995-02-14 00:00:00
Trans 2 Recd Date:	2/20/1995 0:00:00
Tsd Recd Date:	1995-02-20 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37386
Manifest Row:	1
Haz Material Name:	NAPHTHA SOLVENT
Haz Class Number:	Not reported
UN NA Number:	UN1256
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	15
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	37387
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	2/28/1992 0:00:00
Fac Copy Recd Date:	1992-02-10 00:00:00
Gen Ship Date:	1992-02-06 00:00:00
Trans 1 Recd Date:	1992-02-06 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-02-07 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37387
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	102
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	37388
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	MND980791321
Transporter 1 AI ID:	36828
Transporter 1 AI Name:	MCI Paint & Drywall
Transporter 1 Address:	21400 Hamburg Ave
Transporter 1 City:	Lakeville
Transporter 1 State:	MN
Transporter 1 ZIP:	55044
Transporter 2 ID:	Not reported

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981190242
TSD AI ID:	36830
TSD AI Name:	Aptus Nei
TSD Address:	21750 Cedar Ave
TSD City:	Lakeville
TSD State:	MN
TSD Zip:	55044
Gen Copy Recd Date:	2/11/1991 0:00:00
Fac Copy Recd Date:	1991-02-15 00:00:00
Gen Ship Date:	1991-02-07 00:00:00
Trans 1 Recd Date:	1991-02-07 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1991-02-11 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37388
Manifest Row:	1
Haz Material Name:	WASTE INK
Haz Class Number:	Not reported
UN NA Number:	UN1210
Packing Group Number:	Not reported
Container Qty:	10
Container Code:	DMML
Waste Qty:	500
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	37389
Generator ID:	MND000826214
Generator AI ID:	3652

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-05-03 00:00:00
Gen Ship Date:	1990-05-01 00:00:00
Trans 1 Recd Date:	1990-05-01 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-05-02 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37389
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Waste Qty:	86
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	37390
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	MND059028886
Transporter 1 AI ID:	40875
Transporter 1 AI Name:	Brenntag Great Lakes LLC - Roseville
Transporter 1 Address:	2340 Rose Pl
Transporter 1 City:	Roseville
Transporter 1 State:	MN
Transporter 1 ZIP:	55113
Transporter 2 ID:	WID023350192
Transporter 2 AI ID:	40237
Transporter 2 AI Name:	Brenntag Great Lakes LLC
Transporter 2 Address:	N59 W14706 Bobolink Ave
Transporter 2 City:	Menomonee Falls
Transporter 2 State:	WI
Transporter 2 ZIP:	53051
TSD ID:	WID023350192
TSD AI ID:	40237
TSD AI Name:	Brenntag Great Lakes LLC
TSD Address:	N59 W14706 Bobolink Ave
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	5/26/1992 0:00:00
Fac Copy Recd Date:	1992-06-01 00:00:00
Gen Ship Date:	1992-05-20 00:00:00
Trans 1 Recd Date:	1992-05-20 00:00:00
Trans 2 Recd Date:	5/27/1992 0:00:00
Tsd Recd Date:	1992-05-27 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

Detail:

Manifest ID:	37390
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPTHA
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	120
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	37391
Generator ID:	MND000826214
Generator AI ID:	3652
Transporter 1 ID:	MND059028886
Transporter 1 AI ID:	40875
Transporter 1 AI Name:	Brenntag Great Lakes LLC - Roseville
Transporter 1 Address:	2340 Rose Pl
Transporter 1 City:	Roseville
Transporter 1 State:	MN
Transporter 1 ZIP:	55113
Transporter 2 ID:	WID023350192
Transporter 2 AI ID:	40237
Transporter 2 AI Name:	Brenntag Great Lakes LLC
Transporter 2 Address:	N59 W14706 Bobolink Ave
Transporter 2 City:	Menomonee Falls
Transporter 2 State:	WI
Transporter 2 ZIP:	53051
TSD ID:	WID023350192
TSD AI ID:	40237
TSD AI Name:	Brenntag Great Lakes LLC
TSD Address:	N59 W14706 Bobolink Ave
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	6/19/1992 0:00:00
Fac Copy Recd Date:	1992-06-29 00:00:00
Gen Ship Date:	1992-06-17 00:00:00
Trans 1 Recd Date:	1992-06-17 00:00:00
Trans 2 Recd Date:	6/19/1992 0:00:00
Tsd Recd Date:	1992-06-19 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Generator Contact:	G Antoline
Contact Address:	345 E Plato Blvd
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	999-999-9999

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

NAIC:

Generator AI ID:	3652
Generator ID:	MND000826214
Generator AI Name:	528 Partnership LLP Brown & Bigelow Bldg
NAIC Code:	323111
NAIC Desc:	323111 - Commercial Printing (except Screen and Books)

Detail:

Manifest ID:	37391
Manifest Row:	1
Haz Material Name:	WASTE PETROLEUM NAPTHA
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	120
Waste Units Code:	IB
Waste Code List:	D001

Click this hyperlink while viewing on your computer to access
103 additional MN MANIFEST: record(s) in the EDR Site Report.

NPDES:

Envid:	S119127444
Facility Name:	528 PARTNERSHIP LLP BROWN & BIGELOW BLDG
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR0537Y3
Preferred ID:	Not reported
Activity Sys ID:	3652
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	05/22/2014
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.94050578
Longitude Degree:	-93.07400667
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	528 Limited Partnership
Owner Organization Type:	Not reported
Permit Sys ID:	130191
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	10
Activity Description:	Commerical printing of calaendars adn graphic commercial printing (Waterbody <1 Mile? N.)
No Exposure:	No

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S119127444**

One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	X
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

M94 **NORTHPORT ADDITION** **MN BROWNFIELDS** **S119124491**
NNE **SEE LOCATION DESCRIPTION** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.206 mi.
1089 ft. **Site 1 of 3 in cluster M**

Relative: **Lower**
Actual: **699 ft.**

BROWNFIELDS:

Site ID:	VP9841
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	188650-AREA0000000002

NORTHPORT ADDITION (Continued) **S119124491**

AI ID:	188650
AI Name:	Ridder Circle Properties
Site type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	02/25/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/17/2001
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.94310958
Longitude:	-93.06813749

M95 **DOBOSZENSKI & SONS INC** **MN ENF** **S120199287**
NNE **9520 COUNTY RD 19** **MN WIMN** **N/A**
1/8-1/4 **LORETTO, MN 55357** **MN NPDES**
0.206 mi.
1089 ft. **Site 2 of 3 in cluster M**

Relative: **Lower**
Actual: **699 ft.**

MN Enforcement Log :

Facility ID:	12300760
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	09/02/2010
Enforcement Type:	APO - Forgivable
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	36615
Activity ID:	PEN20100001
Public Flag:	Y
Latitude:	44.94310958
Longitude:	-93.06813749
Coord Collect Meth Desc:	Public Land Survey-Two Quarter
Mailing Address1:	9520 County Road 19
Mailing City Name:	Loretto
Mailing State Code:	MN
Mailing Zip Code:	55357-2200
Responsible Party:	Semple Enterprises (St. Paul, MN)
Zero Date:	05/06/2010
Case Closed:	10/6/2010
Case Lead:	Brent Rohne
Attorney Assigned:	Kathleen Winters
Lead Program:	Air
Multimedia:	N

DOBOSZENSKI & SONS INC (Continued) **S120199287**

Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	3,196
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	3,196

WIMN:

Status:	Y
Latitude:	44.943109579999998
Longitude:	-93.068137489999998
Item ID:	36615-AISI0000036615
AI ID:	36615
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	36615
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	AQ; HW; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/17/2018
Timestamp of Creation:	05/31/2000
User Name of Creator:	DELTA_M_R1

DOBOSZENSKI & SONS INC (Continued) **S120199287**

Timestamp of Last Update:	04/17/2018
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Multiple Activities
Activity List:	Air Quality; Hazardous Waste, Very small quantity generator; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	12300760; MN0000876029; MNR05349P; MNR053B2L
Program List:	Air Quality; Hazardous Waste; Stormwater
Classification:	Crushed and Broken Limestone Mining and Quarrying
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=36615

NPDES:

Envid:	S120199287
Facility Name:	DOBOSZENSKI & SONS INC
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR053B2L
Preferred ID:	Not reported
Activity Sys ID:	36615
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2018
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.94310958
Longitude Degree:	-93.06813749
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Doboszenski and Son Inc
Owner Organization Type:	Not reported
Permit Sys ID:	3322235
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	3
Activity Description:	Equipment storage & temporary sand & soil storage for construction
No Exposure:	No
One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	AB, E, J
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported

DOBOSZENSKI & SONS INC (Continued) **S120199287**

Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

M96 **NORTHPORT ADDITION** **MN VIC** **S103909170**
NNE **SEE LOCATION DESCRIPTION** **MN SRS** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107** **MN VAPOR**
0.206 mi.
1089 ft. **Site 3 of 3 in cluster M**

Relative: **Lower**
Actual: **699 ft.**

VIC:

Facility ID:	VP9841
Facility Type:	Brownfield Site
Item ID:	188650-AREA0000000002
AI ID:	188650
AI Name:	Ridder Circle Properties
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.94310958
Longitude:	-93.06813749
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	02/25/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/17/2001

NORTHPORT ADDITION (Continued) **S103909170**

Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP9841
Facility Address 2:	Not reported
Core Program Interest ID:	55131740
Link ID:	4909
Site Type:	Recycling/Salvage
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	Not reported
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Northport Addition, Parcels J & K (Riverview Industrial Park N-1) Located in the mississippi River floodplain
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	The Site was residential from 1945 to 1970? A portion of the Remackel Salvage Yard may have been located on the Site. The site was cleared of building and trees from 1969 to 1977 after which time site has been vacant. Dredgings from the adjacent Mississippi River, foundry sand, concrete, fly ash, and brick were placed on the Site to create a berm to control Flooding. Promiscuous dumping of household waste occured on the Site. The houslehold waste has since been removed to an approved facility.
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	PJensen
Created Date:	02/25/1999
Last Update Date:	05/08/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported

NORTHPORT ADDITION (Continued) **S103909170**

PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494476.08332999999
Utm North:	4976558.6666700002
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP9841
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported

NORTHPORT ADDITION (Continued) **S103909170**

# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2001-08-17 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1999-02-25 00:00:00
Date End:	2001-04-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-02-24 00:00:00
Facid:	VP9841
Event:	1
Additional Information:	None Entered
Record Number:	6884

Date Started:	Not reported
Date End:	1999-05-11 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-05-12 00:00:00
Facid:	VP9841
Event:	1
Additional Information:	None Entered

NORTHPORT ADDITION (Continued) **S103909170**

Record Number: 7296

Contact Info:

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported

NORTHPORT ADDITION (Continued) **S103909170**

Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

NORTHPORT ADDITION (Continued) **S103909170**

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1999-05-06 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1999-05-06 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1999-05-06 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2001-08-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2001-08-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2001-08-17 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459

NORTHPORT ADDITION (Continued) **S103909170**

Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Contact Type:	1
Company Name:	Oppenheimer Wolff & Donnelly
Contact Address:	45 S. 7th St, Ste.3400, Plaza 7
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126077260
Contact Phone Ext:	Not reported
Contact Fax:	6126077100
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MAC
Contact Address:	6040 28th Avenue South
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported

NORTHPORT ADDITION (Continued) **S103909170**

Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Wenck Associates, Inc
Contact Address:	1900 Pioneer Creek Ctr
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6124794204
Contact Phone Ext:	Not reported
Contact Fax:	6124794242
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-05-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP9841
Item ID:	188650-AREA0000000002
AI ID:	188650
AI Name:	Ridder Circle Properties
Facility Type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.94310958
Longitude:	-93.06813749
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	02/25/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/17/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	Not reported
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19990001
Act Desc:	Brownfield Site

NORTHPORT ADDITION (Continued) **S103909170**

Status:	Closed
Prior Aug 2016:	
Facility ID:	VP9841
Facility Adress 2:	Not reported
Core Program Interest ID:	55131740
Link ID:	4909
Site Type:	Recycling/Salvage
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	Not reported
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Northport Addition, Parcels J & K (Riverview Industrial Park N-1) Located in the mississippi River floodplain
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	The Site was residential from 1945 to 1970? A portion of the Remackel Salvage Yard may have been located on the Site. The site was cleared of building and trees from 1969 to 1977 after which time site has been vacant. Dredgings from the adjacent Mississippi River, foundry sand, concrete, fly ash, and brick were placed on the Site to create a berm to control Flooding. Promiscuous dumping of household waste occured on the Site. The houslehold waste has since been removed to an approved facility.
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	PJensen
Created Date:	02/25/1999
Last Update Date:	05/08/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported

NORTHPORT ADDITION (Continued) **S103909170**

Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494476.08332999999
Utm North:	4976558.6666700002
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP9841
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported

NORTHPORT ADDITION (Continued) **S103909170**

Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2001-08-17 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1999-02-25 00:00:00
Date End:	2001-04-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-02-24 00:00:00
Facid:	VP9841
Event:	1
Additional Information:	None Entered
Record Number:	6884

Date Started:	Not reported
Date End:	1999-05-11 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-05-12 00:00:00
Facid:	VP9841
Event:	1
Additional Information:	None Entered
Record Number:	7296

Contact Info:

Contaminant Id:	1

NORTHPORT ADDITION (Continued) **S103909170**

Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1

NORTHPORT ADDITION (Continued) **S103909170**

Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1999-05-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported

NORTHPORT ADDITION (Continued) **S103909170**

Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1999-05-06 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1999-05-06 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1999-05-06 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2001-08-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2001-08-17 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2001-08-17 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported

NORTHPORT ADDITION (Continued) **S103909170**

Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379
Contact Type:	1
Company Name:	Oppenheimer Wolff & Donnelly
Contact Address:	45 S. 7th St, Ste.3400, Plaza 7
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126077260
Contact Phone Ext:	Not reported
Contact Fax:	6126077100
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MAC
Contact Address:	6040 28th Avenue South
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

NORTHPORT ADDITION (Continued) **S103909170**

Contact Type:	1
Company Name:	Wenck Associates, Inc
Contact Address:	1900 Pioneer Creek Ctr
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6124794204
Contact Phone Ext:	Not reported
Contact Fax:	6124794242
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-05-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

VAPOR:

Site ID:	VP9841
Delta Site ID:	188650
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188650
AI Name:	Ridder Circle Properties
Vapor Concern at Site:	Priority Superfund Site
Item ID:	188650-AREA0000000002
Site Type:	Brownfield Site
Method Desc:	Public Land Survey-Two Quarter
Latitude:	44.94310958
Longitude:	-93.06813749

L97 **GRAINGER** **RCRA-CESQG** **1001220570**
WNW **345 E PLATO BLVD STE 120** **MNR000052589**
1/8-1/4 **ST. PAUL, MN 55107**
0.207 mi.
1092 ft. **Site 2 of 5 in cluster L**

Relative:
Higher

Actual:
702 ft.

RCRA-CESQG:

Date form received by agency:	02/13/2008
Facility name:	GRAINGER
Facility address:	345 E PLATO BLVD STE 120 ST. PAUL, MN 55107
EPA ID:	MNR000052589
Contact:	ART MARTINEZ
Contact address:	345 E PLATO BLVD STE 120 ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-298-9601
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less

GRAINGER (Continued) **1001220570**

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: GRAINGER
Owner/operator address: 345 E PLATO BLVD STE 120
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: 651-298-9601
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/15/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

GRAINGER (Continued) **1001220570**

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 11/28/2005
Site name: GRAINGER
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

N98 **EXECUTIVE IFT INC** **MN AST** **A100203453**
NE **590 BAYFIELD ST** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.213 mi.
1126 ft. **Site 1 of 3 in cluster N**

Relative: **Higher**

Actual: **700 ft.**

AST:

AI ID:	22789
Tank Site ID:	TS0054180
Item ID:	22789-EQUI0000000001
SI Type:	Aboveground Storage Tank
Si Design:	1
SI Description:	Not reported
Substance:	Used Oil
Compartment Number:	1
Wall Type:	Double
Overfill Prevention System:	AST None
Install Date:	1992-11-01 00:00:00
Status Change Date:	1992-11-01 00:00:00
Material:	Carbon steel
Tank Status:	Active
Tanks Contractor:	Not reported
Capacity Gallon:	250
Longitude:	-93.06868545
Latitude:	44.94263451
Coord Collection Method:	Address Matching House Number
Owner Name:	Met Council Environmental Services
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55101
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0054180&programInterest=TS

N99 **EXECUTIVE IFT INC** **RCRA NonGen / NLR** **1000182338**
NE **590 BAYFIELD ST** **FINDS** **MND063575443**
1/8-1/4 **ST. PAUL, MN 55107** **ECHO**
0.213 mi. **MN Financial Assurance**
1126 ft. **Site 2 of 3 in cluster N**

Relative: Higher
Actual: 700 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/02/1986
Facility name:	EXECUTIVE IFT INC
Facility address:	590 BAYFIELD ST ST. PAUL, MN 55107-1001
EPA ID:	MND063575443
Contact:	PHYLLIS LUCIANI
Contact address:	590 BAYFIELD ST ST. PAUL, MN 55107-1001
Contact country:	US
Contact telephone:	800-575-0020
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	EXECUTIVE IFT INC
Owner/operator address:	590 BAYFIELD ST ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	800-575-0020
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/26/1999
Owner/Op end date:	07/27/1999

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	312-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

EXECUTIVE IFT INC (Continued) **1000182338**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003770884

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000182338
Registry ID: 110003770884
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003770884

MN Financial Assurance 1:
PROGRAM ID: 192921
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 41212
Interest Telephone: NO CORE PI PH.
Preferred ID: 3465
Interest Start Date: 07/23/1992
Interest End Date: 03/24/2006
Activity Flag: N
TMSP Added: 03/24/2006
TMSP Last Update: 11/10/2014 08:17:05
Staff ID Last Update: RGAGLE
Source: CORE

EXECUTIVE IFT INC (Continued) **1000182338**

Source ID: 31212
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 192921
Township Name: Not reported
Region: 1
Interest Type: Deleted Tank Site
ADDR ID: 176248
Interest Telephone: 6512244348
Preferred ID: 3465
Interest Start Date: 07/23/1992
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 07/23/1992
TMSP Last Update: 03/24/2006 12:20:42
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 199455
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 41212
Interest Telephone: NO CORE PI PH.
Preferred ID: 10286
Interest Start Date: 07/23/1992
Interest End Date: 03/24/2006
Activity Flag: N
TMSP Added: 03/24/2006
TMSP Last Update: 11/10/2014 08:17:05
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 31212
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 199455
Township Name: Not reported
Region: 1
Interest Type: Deleted Tank Site
ADDR ID: 176248
Interest Telephone: 6512244306
Preferred ID: 10286
Interest Start Date: 07/23/1992

EXECUTIVE IFT INC (Continued) **1000182338**

Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	03/24/2006 12:21:15
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199456
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	41212
Interest Telephone:	NO CORE PI PH.
Preferred ID:	10287
Interest Start Date:	07/23/1992
Interest End Date:	03/24/2006
Activity Flag:	N
TMSP Added:	03/24/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	31212
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199456
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	176248
Interest Telephone:	6512244306
Preferred ID:	10287
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	03/24/2006 12:21:15
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199463
Township Name:	Not reported

EXECUTIVE IFT INC (Continued) **1000182338**

Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	176248
Interest Telephone:	6512244306
Preferred ID:	10295
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	03/24/2006 12:21:15
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199463
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	41212
Interest Telephone:	NO CORE PI PH.
Preferred ID:	10295
Interest Start Date:	07/23/1992
Interest End Date:	03/24/2006
Activity Flag:	N
TMSP Added:	03/24/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	31212
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	210455
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	176248
Interest Telephone:	6512244306
Preferred ID:	54180
Interest Start Date:	04/16/1993
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	04/16/1993
TMSP Last Update:	03/24/2006 12:22:00
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported

EXECUTIVE IFT INC (Continued) **1000182338**

FOR Zone: None
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 210455
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 41212
Interest Telephone: NO CORE PI PH.
Preferred ID: 54180
Interest Start Date: 04/16/1993
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 03/24/2006
TMSP Last Update: 03/24/2006 12:21:59
Staff ID Last Update: TALES
Source: CORE
Source ID: 31212
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

Latitude Longitude:
Program Id: 210455
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Not reported
TMSP Added: 06/17/2010 13:55:33
TMSP Last Update: 06/17/2010 13:55:33
Staff ID Last Update: BPALMQU
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 31212
Spatial ID: 51069262

Program Id: 210455
Lat/Long ID: 39657
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 31.38
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 6.2
Collection Date: 03/12/2010 17:47:38
Lat/Long Description: Not reported

EXECUTIVE IFT INC (Continued) **1000182338**

TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:14:00
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31212
Spatial ID:	51069262

Tab Site:

Program Id:	210455
Facility Code:	37
Above or Under Code:	1
Indian Reservation:	N
Ust Registration Date:	Not reported
Ast Registration Date:	02/08/1993 00:00:00
TMSP Added:	04/16/1993 16:01:03
TMSP Last Update:	05/23/2003 09:21:04
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

Latitude Longitude:

Program Id:	199455
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	06/17/2010 13:55:00
TMSP Last Update:	06/17/2010 13:55:00
Staff ID Last Update:	BPALMQU
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31212
Spatial ID:	51067893

Program Id:	199455
Lat/Long ID:	39657
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.38
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	6.2

EXECUTIVE IFT INC (Continued) **1000182338**

Collection Date:	03/12/2010 17:47:38
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:14:00
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31212
Spatial ID:	51067893

Tab Site:

Program Id:	199455
Facility Code:	37
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	05/07/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

Latitude Longitude:

Program Id:	192921
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	06/17/2010 13:54:07
TMSP Last Update:	06/17/2010 13:54:07
Staff ID Last Update:	BPALMQU
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31212
Spatial ID:	51066812

Program Id:	192921
Lat/Long ID:	39657
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.38
Longitude Degrees:	-93

EXECUTIVE IFT INC (Continued) **1000182338**

Longitude Minutes:	4
Longitude Seconds:	6.2
Collection Date:	03/12/2010 17:47:38
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:14:00
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31212
Spatial ID:	51066812

Tab Site:

Program Id:	192921
Facility Code:	37
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	02/11/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:00
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

Latitude Longitude:

Program Id:	218237
Lat/Long ID:	4590
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.8659
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	48.3656
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:07
TMSP Last Update:	08/03/2004 12:34:07
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31212
Spatial ID:	51070096

Program Id:	218237
Lat/Long ID:	39657
Latitude Degrees:	44
Latitude Minutes:	56

EXECUTIVE IFT INC (Continued) **1000182338**

Latitude Seconds:	31.38
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	6.2
Collection Date:	03/12/2010 17:47:38
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:14:00
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31212
Spatial ID:	51070096

Staff Name:

Program Id:	218237
Staff Sequence ID:	2425
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:03:59
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	3358

Program Id:	218237
Staff Sequence ID:	17622
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:14
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3296

Program Id:	218237
Staff Sequence ID:	27991
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:25
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	4101

EXECUTIVE IFT INC (Continued) **1000182338**

Latitude Longitude:

Program Id:	199463
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	06/17/2010 13:55:26
TMSP Last Update:	06/17/2010 13:55:26
Staff ID Last Update:	BPALMQU
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31212
Spatial ID:	51067897

Program Id:	199463
Lat/Long ID:	39657
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.38
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	6.2
Collection Date:	03/12/2010 17:47:38
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:14:00
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31212
Spatial ID:	51067897

Tab Site:

Program Id:	199463
Facility Code:	37
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	03/26/1987 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

EXECUTIVE IFT INC (Continued) **1000182338**

Latitude Longitude:

Program Id:	199456
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	06/17/2010 13:55:10
TMSP Last Update:	06/17/2010 13:55:10
Staff ID Last Update:	BPALMQU
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31212
Spatial ID:	51067894

Program Id:	199456
Lat/Long ID:	39657
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.38
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	6.2
Collection Date:	03/12/2010 17:47:38
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:14:00
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31212
Spatial ID:	51067894

Tab Site:

Program Id:	199456
Facility Code:	37
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	05/07/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

N100
NE
1/8-1/4
0.213 mi.
1126 ft.

EXECUTIVE IFT INC
590 BAYFIELD ST
SAINT PAUL, MN 55107

Site 3 of 3 in cluster N

MN LAST **U004019892**
MN LUST **N/A**
MN UST
MN SRS
MN WIMN

Relative:
Higher

Actual:
700 ft.

LAST:

Item ID:	22789-AREA0000000002
AI ID:	22789
MN PCA ID:	Not reported
AI Name:	Executive Ift Inc
Site Type:	Leak Site
Hydro:	Michael Chiodi (no longer at MPCA)
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94262646
Longitude:	-93.06867765
Corrd Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22789
Leak Discovered:	8/25/1992
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/30/1994
Owner:	Met Council Environmental Services
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55101
SI Type:	Aboveground Storage Tank
Leak Reported:	8/25/1992

LUST:

Item ID:	22789-AREA0000000002
MNPCA ID:	Not reported
AI ID:	22789
AI Name:	Executive Ift Inc
Site Type:	Leak Site
Hydro:	Michael Chiodi (no longer at MPCA)
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94262646
Longitude:	-93.06867765
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22789
Leak Discovered:	8/25/1992
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Met Council Environmental Services
Site Closed:	12/30/1994
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55101

EXECUTIVE IFT INC (Continued) **U004019892**

SI Type: Underground Storage Tank System
Leak Reported: 8/25/1992

UST:
Item Compart ID: 22789-EQUI0000000002-1
AI ID: 22789
Tank Site ID: TS0010295
Item ID: 22789-EQUI0000000002
SI Type: Underground Storage Tank System
SI Design: 004
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1926-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1926-01-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 2000
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010295&programInterest=TS

Item Compart ID: 22789-EQUI0000000003-1
AI ID: 22789
Tank Site ID: TS0010295
Item ID: 22789-EQUI0000000003
SI Type: Underground Storage Tank System
SI Design: 002
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1900-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1992-08-25 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 6000
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010295&programInterest=TS

EXECUTIVE IFT INC (Continued) **U004019892**

Item Compart ID: 22789-EQUI0000000004-1
AI ID: 22789
Tank Site ID: TS0010295
Item ID: 22789-EQUI0000000004
SI Type: Underground Storage Tank System
SI Design: 005
SI Description: Not reported
Compartment Number: 1
Substance: Used or waste oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1900-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1900-01-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 500
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010295&programInterest=TS

Item Compart ID: 22789-EQUI0000000005-1
AI ID: 22789
Tank Site ID: TS0010295
Item ID: 22789-EQUI0000000005
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1900-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1992-08-25 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 6000
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010295&programInterest=TS

Item Compart ID: 22789-EQUI0000000006-1
AI ID: 22789
Tank Site ID: TS0010295

EXECUTIVE IFT INC (Continued) **U004019892**

Item ID:	22789-EQUI0000000006
SI Type:	Underground Storage Tank System
SI Design:	003
SI Description:	Not reported
Compartment Number:	1
Substance:	Aviation gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1900-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1992-08-25 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	10000
Longitude:	-93.06868545
Latitude:	44.94263451
Coord Collection Method:	Address Matching House Number
Owner:	Met Council Environmental Services
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55101
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010295&programInterest=TS

Item Compart ID:	22789-EQUI0000000007-1
AI ID:	22789
Tank Site ID:	TS0010287
Item ID:	22789-EQUI0000000007
SI Type:	Underground Storage Tank System
SI Design:	004
SI Description:	Not reported
Compartment Number:	1
Substance:	Aviation gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1942-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1998-08-01 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	15000
Longitude:	-93.06868545
Latitude:	44.94263451
Coord Collection Method:	Address Matching House Number
Owner:	Met Council Environmental Services
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55101
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010287&programInterest=TS

Item Compart ID:	22789-EQUI0000000008-1
AI ID:	22789
Tank Site ID:	TS0010287
Item ID:	22789-EQUI0000000008
SI Type:	Underground Storage Tank System
SI Design:	003

EXECUTIVE IFT INC (Continued) **U004019892**

SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1942-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1998-08-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 8072
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010287&programInterest=TS

Item Compart ID: 22789-EQUI0000000009-1
AI ID: 22789
Tank Site ID: TS0010286
Item ID: 22789-EQUI0000000009
SI Type: Underground Storage Tank System
SI Design: 002
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1942-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1997-06-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 15760
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010286&programInterest=TS

Item Compart ID: 22789-EQUI0000000010-1
AI ID: 22789
Tank Site ID: TS0010286
Item ID: 22789-EQUI0000000010
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline

EXECUTIVE IFT INC (Continued) **U004019892**

Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1942-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1997-06-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 19680
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0010286&programInterest=TS

Item Compart ID: 22789-EQUI0000000011-1
AI ID: 22789
Tank Site ID: TS0003465
Item ID: 22789-EQUI0000000011
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1900-01-01 00:00:00
Material: Other
Status Change Date: 1900-01-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 6000
Longitude: -93.06868545
Latitude: 44.94263451
Coord Collection Method: Address Matching House Number
Owner: Met Council Environmental Services
Owner Address: 230 E 5th St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55101
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0003465&programInterest=TS

Item Compart ID: 22789-EQUI0000000012-1
AI ID: 22789
Tank Site ID: TS0003465
Item ID: 22789-EQUI0000000012
SI Type: Underground Storage Tank System
SI Design: 003
SI Description: Not reported
Compartment Number: 1
Substance: Kerosene
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1900-01-01 00:00:00

EXECUTIVE IFT INC (Continued) **U004019892**

Material:	Other
Status Change Date:	1900-01-01 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	10000
Longitude:	-93.06868545
Latitude:	44.94263451
Coord Collection Method:	Address Matching House Number
Owner:	Met Council Environmental Services
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55101
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0003465&programInterest=TS

Item Compart ID:	22789-EQUI0000000013-1
AI ID:	22789
Tank Site ID:	TS0003465
Item ID:	22789-EQUI0000000013
SI Type:	Underground Storage Tank System
SI Design:	002
SI Description:	Not reported
Compartment Number:	1
Substance:	Gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1900-01-01 00:00:00
Material:	Other
Status Change Date:	1900-01-01 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	6000
Longitude:	-93.06868545
Latitude:	44.94263451
Coord Collection Method:	Address Matching House Number
Owner:	Met Council Environmental Services
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55101
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=22789-TS0003465&programInterest=TS

SRS:

Facility ID:	LS0005572
Item ID:	22789-AREA0000000002
AI ID:	22789
AI Name:	Executive Ift Inc
Facility Type:	Leak Site
Hydro:	Michael Chiodi (no longer at MPCA)
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94262646
Longitude:	-93.06867765
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22789
Leak Discovered:	08/25/1992
Leak Reported:	08/25/1992

EXECUTIVE IFT INC (Continued) **U004019892**

Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/30/1994
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19920001
Act Desc:	Leak Site Investigation
Status:	Closed

WIMN:

Status:	Y
Latitude:	44.942052699999998
Longitude:	-93.068389999999994
Item ID:	22789-AISI0000022789
AI ID:	22789
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	22789
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported

EXECUTIVE IFT INC (Continued) **U004019892**

Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	22266
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Hazardous Waste; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0005572; MND063575443; TS0003465; TS0054180
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22789

WIMN:

Legislative District:	65B
Latitude:	44.94262646
Longitude:	-93.06867764
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31212
Coordinate Collection Method:	Address Matching House Number
Status:	Active

L101 **529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG** **MN ENF** **S116688435**
West **345 PLATO BLVD E** **MN WIMN** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107** **MN NPDES**
0.220 mi.
1161 ft. **Site 3 of 5 in cluster L**

Relative:
Higher

Actual:
701 ft.

MN Enforcement Log :

Facility ID:	MNG255045
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	10/03/2003
Enforcement Type:	Letter of Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	3652
Activity ID:	NON20030001
Public Flag:	Y
Latitude:	44.94035386
Longitude:	-93.0743057
Coord Collect Meth Desc:	Address Matching House Number

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S116688435**

Mailing Address1:	PO Box 7372
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107-0372
Responsible Party:	528 Limited Partnership (St. Paul, MN)
Zero Date:	10/03/2003
Case Closed:	10/27/2003
Case Lead:	Elise Doucette
Attorney Assigned:	Not reported
Lead Program:	Wastewater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	MNG255045
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	03/28/2017
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	3652
Activity ID:	NON20170001
Public Flag:	Y
Latitude:	44.94035386
Longitude:	-93.0743057
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	PO Box 7372
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107-0372
Responsible Party:	528 Limited Partnership (Bloomington, MN)
Zero Date:	02/14/2017
Case Closed:	3/22/2017
Case Lead:	Cara Wright
Attorney Assigned:	Not reported
Lead Program:	Wastewater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	0
Calculated:	Not reported
Citation:	Not reported

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S116688435**

Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	MNG255045
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	04/30/2014
Enforcement Type:	APO - Combination Forgivable & Nonforgivable
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	3652
Activity ID:	PEN20140001
Public Flag:	Y
Latitude:	44.94035386
Longitude:	-93.0743057
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	PO Box 7372
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107-0372
Responsible Party:	528 Limited Partnership (St. Paul, MN)
Zero Date:	01/15/2014
Case Closed:	6/9/2014
Case Lead:	Steven Speltz
Attorney Assigned:	Adonis Neblett
Lead Program:	Wastewater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	3,650
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	1,950
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	5,600

WIMN:

Status:	Y
Latitude:	44.940353860000002
Longitude:	-93.074305699999996
Item ID:	3652-AISI0000003652

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S116688435**

AI ID:	3652
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	3652
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; ST; TL; WW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	02822205ac
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	ac
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	06/12/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Multiple Activities
Activity List:	Brownfields, Voluntary Investigation and Cleanup; Hazardous Waste, Very small quantity generator; Industrial Stormwater; Petroleum Remediation, Leak Site; Underground Tanks; Wastewater, Industrial NPDES/SDS Permit
MPCA ID:	Multiple IDs
MPCA List:	LS0003631; LS0010760; MND000826214; MNG255045; MNR0537Y3; TS0003554; VP
Program List:	Hazardous Waste; Investigation and Cleanup; Stormwater; Tanks; Water Quality
Classification:	Commercial Printing (except Screen and Books)
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652

WIMN:

Legislative District:	65B
Latitude:	44.94160099
Longitude:	-93.07431200
Activity:	Industrial Stormwater Permit

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S116688435**

MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=68785511
Coordinate Collection Method:	GPS - Other
Status:	Active

Status:	Y
Latitude:	44.941600999999999
Longitude:	-93.074312000000006
Item ID:	144905-AISI0000144905
AI ID:	144905
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	144905
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	02822205ac
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	ac
Collection Method Code:	G8
Method Description:	GPS - Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	05/22/2014
Timestamp of Creation:	05/22/2014
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	08/24/2017
User Name of Last Update:	rparlin
Status Date:	Not reported
The Delta Spatial ID:	68785655
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	MNR0537Y2; MNR053BCV

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S116688435**

Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=144905

WIMN:

Legislative District:	65B
Latitude:	44.94160099
Longitude:	-93.07431200
Activity:	Industrial Stormwater Permit
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=68785511
Coordinate Collection Method:	GPS - Other
Status:	Active

NPDES:

Envid:	S116688435
Facility Name:	528 LIMITED PARTNERSHIP LLP BROWN & BIGELOW B1
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNR053BCV
Preferred ID:	Not reported
Activity Sys ID:	144905
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.941601
Longitude Degree:	-93.074312
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	528 Limited Partnership
Owner Organization Type:	Not reported
Permit Sys ID:	2767178
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	10
Activity Description:	Commerical printing of calendars and graphic commerical printing by Vomela
No Exposure:	No
One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	X
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S116688435**

Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

Envid:	S116688435
Facility Name:	529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR0537Y2
Preferred ID:	Not reported
Activity Sys ID:	144905
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	05/22/2014
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.941601
Longitude Degree:	-93.074312
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	528 Limited Partnership

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **S116688435**

Owner Organization Type:	Not reported
Permit Sys ID:	131959
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	10
Activity Description:	Commerical printing and graphic commerical printing (Waterbody <1 Mile? N.)
No Exposure:	No
One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	X
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

L102
West
1/8-1/4
0.220 mi.
1161 ft.

Relative:
Higher

Actual:
701 ft.

BROWN AND BIGELOW
345 PLATO BLVD
ST PAUL, MN 55107

Site 4 of 5 in cluster L

Database(s): RCRA-CESQG, MN LUST, MN VIC, MN BROWNFIELDS, MN SRS, MN Financial Assurance, WI MANIFEST, MN LS, MN VAPOR, MN WIMN

EDR ID Number: 1000437239
EPA ID Number: MND000826214

RCRA-CESQG:

Date form received by agency:	03/28/2007
Facility name:	BROWN AND BIGELOW
Facility address:	345 PLATO BLVD ST PAUL, MN 55107
EPA ID:	MND000826214
Contact:	JAMES LAIR
Contact address:	345 PLATO BLVD ST PAUL, MN 55107
Contact country:	US
Contact telephone:	612-293-7215
Contact email:	Not reported
EPA Region:	05
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	BROWN & BIGELOW INC
Owner/operator address:	345 PLATO BLVD E ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	507-274-6101
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/28/1999
Owner/Op end date:	Not reported
Owner/operator name:	SMITH WILLIAM D
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,

BROWN AND BIGELOW (Continued) **1000437239**

BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 08/18/1980
Site name: BROWN & BIGELOW
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

BROWN AND BIGELOW (Continued) **1000437239**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/14/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

LUST:
Item ID: 3652-AREA0000000004
MNPCA ID: Not reported
AI ID: 3652
AI Name: 528 Partnership LLP Brown & Bigelow Bldg
Site Type: Leak Site
Hydro: Chai Insook (former)
Project Manager: Stacey VanPatten (former)
Latitude: 44.94173408
Longitude: -93.07460877
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Not reported
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered: 9/16/1997
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Owner: 528 Limited Partnership
Site Closed: 5/17/2001
Owner Address: PO Box 7372
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 551070372
SI Type: Underground Storage Tank System
Leak Reported: 9/17/1997

Item ID: 3652-AREA0000000005
MNPCA ID: Not reported

BROWN AND BIGELOW (Continued) **1000437239**

AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94169181
Longitude:	-93.07462855
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	12/12/1990
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	528 Limited Partnership
Site Closed:	8/1/1996
Owner Address:	PO Box 7372
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	551070372
SI Type:	Underground Storage Tank System
Leak Reported:	12/10/1990

VIC:

Facility ID:	VP6820
Facility Type:	Brownfield Site
Item ID:	3652-AREA0000000001
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Jim Kelly (no longer at MPCA)
Latitude:	44.94300399
Longitude:	-93.07336253
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/27/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/15/1996
Owner:	528 Limited Partnership
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437

Prior Aug 2016:

Facility ID:	VP6820
Facility Address 2:	Not reported
Core Program Interest ID:	335866
Link ID:	4321

BROWN AND BIGELOW (Continued) **1000437239**

Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	21
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Intersection of Plato & Lafayette Road
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	See also State Street Dump.to be scanned 3/10/2016.
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Kelly
Created Date:	10/15/1996
Last Update Date:	03/10/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494152.86735999997
Utm North:	4976444.15582
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6820
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1

BROWN AND BIGELOW (Continued) **1000437239**

Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-01-07 00:00:00
Inst Control Info Updated:	2016-01-07 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1996-06-27 00:00:00
Date End:	1996-10-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-03-31 00:00:00
Facid:	VP6820
Event:	1
Additional Information:	None
Record Number:	4238

Date Started:	1996-10-15 00:00:00
Date End:	1996-10-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-03-31 00:00:00
Facid:	VP6820
Event:	1
Additional Information:	None
Record Number:	4266

Date Started:	Not reported
Date End:	1996-10-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-08-17 00:00:00
Facid:	VP6820
Event:	1
Additional Information:	Affidavit Required
Record Number:	5342

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 12
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 400
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 3000
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contacts:
Contact Type: 1
Company Name: Barr Engineering
Contact Address: 8300 Norman Center Drive
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6128322648
Contact Phone Ext: Not reported
Contact Fax: 6128322601
Contact E-mail: Not reported
Contact Cell Phone: Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Contact Information Last Updated:	1998-09-03 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122867744
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16528
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1
Company Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122937590
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-03-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1

BROWN AND BIGELOW (Continued) **1000437239**

Company Name:	Not reported
Contact Address:	528 Limited Partnership
Contact Address 2:	4833 W 96th St
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-08-17 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	VP6821
Facility Type:	Brownfield Site
Item ID:	3652-AREA0000000002
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Jim Kelly (no longer at MPCA)
Latitude:	44.94300399
Longitude:	-93.07336253
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/04/1997
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/29/2000
Owner:	528 Limited Partnership
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437

Prior Aug 2016:

Facility ID:	VP6821
Facility Address 2:	Plato Blvd E
Core Program Interest ID:	55131652
Link ID:	4321
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False

BROWN AND BIGELOW (Continued) **1000437239**

Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	NW corner Intersection iof Plato Blvd and Highway 52
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Part of State Street Dump site - methane gas impacts. See also Brown & Bigelow (same VP)
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	KL
Created Date:	12/10/1997
Last Update Date:	07/20/2000
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494152.86735999997
Utm North:	4976444.15582
Utm Zone:	15
Basin Code:	2
Major Watershed:	20

BROWN AND BIGELOW (Continued) **1000437239**

Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6821
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1

BROWN AND BIGELOW (Continued) **1000437239**

Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-01-07 00:00:00
Inst Control Info Updated:	2016-01-07 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	1998-02-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-03-30 00:00:00
Facid:	VP6821
Event:	1
Additional Information:	To Brown & Bigelow and lender, Affidavit required
Record Number:	4262

Date Started:	1997-12-04 00:00:00
Date End:	2000-06-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1997-12-10 00:00:00
Facid:	VP6821
Event:	1
Additional Information:	None
Record Number:	671

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	Not reported

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967744
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Receive Invoice:	F
Staff Id Num:	16528
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1
Company Name:	Barr Engineering Company
Contact Address:	8300 Norman Center Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6128322648
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Facility ID:	VP6822
Facility Type:	Brownfield Site
Item ID:	3652-AREA0000000003
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Karen Kromar (former)
Latitude:	44.94300399
Longitude:	-93.07336253
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/10/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Site Closed:	11/20/2001
Owner:	528 Limited Partnership
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437

Prior Aug 2016:

Facility ID:	VP6822
Facility Address 2:	Not reported
Core Program Interest ID:	55131942
Link ID:	4321
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	5
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Intersection of Plato & Lafayette Road
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	See also State Street Dump; also VP6821 R.I.P. #8;
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	09/10/2001
Last Update Date:	11/20/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	28
Range:	22
PLS Township Suffix:	W
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293

BROWN AND BIGELOW (Continued) **1000437239**

NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494152.86735999997
Utm North:	4976444.15582
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6822
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2001-09-10 00:00:00
Date End:	2001-11-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-20 00:00:00
Facid:	VP6822
Event:	1
Additional Information:	None Entered
Record Number:	11949

Date Started:	Not reported
Date End:	2001-11-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-20 00:00:00
Facid:	VP6822
Event:	1
Additional Information:	None Entered
Record Number:	12609

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2008-12-01 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-3080
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3316

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Contact Type:	1
Company Name:	Gross Given Manufacturing Co.
Contact Address:	75 West Plato Boulevard
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512244391
Contact Phone Ext:	Not reported
Contact Fax:	6512243609
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

BROWN AND BIGELOW (Continued) **1000437239**

Contact Type:	1
Company Name:	528 Limited Partnership
Contact Address:	4833 West 96th Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Wenck Associates
Contact Address:	1802 Wooddale Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512944587
Contact Phone Ext:	Not reported
Contact Fax:	6512281969
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Briggs & Morgan
Contact Address:	2400 IDS Center
Contact Address 2:	80 South 8th Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123348572
Contact Phone Ext:	Not reported
Contact Fax:	6123348650
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

BROWNFIELDS:

Site ID:	VP6820
Leak Num:	Not reported
Owner Name:	528 Limited Partnership
Leak Source:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	3652-AREA0000000001
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Site type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Jim Kelly (no longer at MPCA)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/27/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/15/1996
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437
Latitude:	44.94300399
Longitude:	-93.07336253

Site ID:	VP6821
Leak Num:	Not reported
Owner Name:	528 Limited Partnership
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	3652-AREA0000000002
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Site type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Jim Kelly (no longer at MPCA)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/04/1997
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/29/2000
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437
Latitude:	44.94300399
Longitude:	-93.07336253

Site ID:	VP6822

BROWN AND BIGELOW (Continued) **1000437239**

Leak Num:	Not reported
Owner Name:	528 Limited Partnership
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	3652-AREA0000000003
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Site type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Karen Kromar (former)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/10/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/20/2001
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437
Latitude:	44.94300399
Longitude:	-93.07336253

SRS:

Facility ID:	VP6820
Item ID:	3652-AREA0000000001
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Jim Kelly (no longer at MPCA)
Latitude:	44.94300399
Longitude:	-93.07336253
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/27/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/15/1996
Owner:	528 Limited Partnership
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437
Acreage:	21
BPET:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19960001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP6820
Facility Adress 2:	Not reported
Core Program Interest ID:	335866
Link ID:	4321
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	21
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Intersection of Plato & Lafayette Road
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	See also State Street Dump.to be scanned 3/10/2016.
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Kelly
Created Date:	10/15/1996
Last Update Date:	03/10/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494152.86735999997
Utm North:	4976444.15582
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6820
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-01-07 00:00:00
Inst Control Info Updated:	2016-01-07 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1996-06-27 00:00:00
Date End:	1996-10-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-03-31 00:00:00
Facid:	VP6820
Event:	1
Additional Information:	None
Record Number:	4238

Date Started:	1996-10-15 00:00:00
Date End:	1996-10-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-03-31 00:00:00
Facid:	VP6820
Event:	1
Additional Information:	None
Record Number:	4266

Date Started:	Not reported
Date End:	1996-10-15 00:00:00
Planned Start Date:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Planned End Date: Not reported
Last Update: 1998-08-17 00:00:00
Facid: VP6820
Event: 1
Additional Information: Affidavit Required
Record Number: 5342

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 12
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 400
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 3000
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-03-31 00:00:00

BROWN AND BIGELOW (Continued) **1000437239**

Contacts:

Contact Type:	1
Company Name:	Barr Engineering
Contact Address:	8300 Norman Center Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6128322648
Contact Phone Ext:	Not reported
Contact Fax:	6128322601
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-09-03 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122867744
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16528

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

Contact Type:	1
Company Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122937590
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-03-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Not reported
Contact Address:	528 Limited Partnership
Contact Address 2:	4833 W 96th St
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-08-17 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	VP6821
Item ID:	3652-AREA0000000002
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Jim Kelly (no longer at MPCA)
Latitude:	44.94300399
Longitude:	-93.07336253
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/04/1997
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/29/2000
Owner:	528 Limited Partnership
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437
Acreage:	1.3
BPET:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19970002
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP6821
Facility Adress 2:	Plato Blvd E
Core Program Interest ID:	55131652
Link ID:	4321
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	NW corner Intersection iof Plato Blvd and Highway 52
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Part of State Street Dump site - methane gas impacts. See also Brown & Bigelow (same VP)
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	KL
Created Date:	12/10/1997
Last Update Date:	07/20/2000
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494152.86735999997
Utm North:	4976444.15582
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6821
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-01-07 00:00:00
Inst Control Info Updated:	2016-01-07 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	1998-02-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-03-30 00:00:00
Facid:	VP6821
Event:	1
Additional Information:	To Brown & Bigelow and lender, Affidavit required
Record Number:	4262

Date Started:	1997-12-04 00:00:00
Date End:	2000-06-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1997-12-10 00:00:00
Facid:	VP6821
Event:	1
Additional Information:	None
Record Number:	671

Contact Info:

BROWN AND BIGELOW (Continued) **1000437239**

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	Not reported

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967744
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16528

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

Contact Type:	1
Company Name:	Barr Engineering Company
Contact Address:	8300 Norman Center Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6128322648
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Receive Invoice:	F
Staff Id Num:	0
Facility ID:	VP6822
Item ID:	3652-AREA0000000003
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Facility Type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Karen Kromar (former)
Latitude:	44.94300399
Longitude:	-93.07336253
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/10/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/20/2001
Owner:	528 Limited Partnership
Owner Address:	4833 West 96th Street
Owner City:	Bloomington
Owner State:	MN
Owner ZIP:	55437
Acreage:	5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20010001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP6822
Facility Adress 2:	Not reported
Core Program Interest ID:	55131942
Link ID:	4321
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	5
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False

BROWN AND BIGELOW (Continued) **1000437239**

Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Intersection of Plato & Lafayette Road
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	See also State Street Dump; also VP6821 R.I.P. #8;
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	09/10/2001
Last Update Date:	11/20/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	28
Range:	22
PLS Township Suffix:	W
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494152.86735999997
Utm North:	4976444.15582
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6822
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2001-09-10 00:00:00
Date End:	2001-11-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-20 00:00:00
Facid:	VP6822
Event:	1
Additional Information:	None Entered
Record Number:	11949

Date Started:	Not reported
Date End:	2001-11-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-20 00:00:00
Facid:	VP6822
Event:	1
Additional Information:	None Entered
Record Number:	12609

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2008-12-01 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-3080
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3316

Contact Type:	1

BROWN AND BIGELOW (Continued) **1000437239**

Company Name:	MPCA
Contact Address:	520 Lafayette Rd N.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Contact Type:	1
Company Name:	Gross Given Manufacturing Co.
Contact Address:	75 West Plato Boulevard
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512244391
Contact Phone Ext:	Not reported
Contact Fax:	6512243609
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	528 Limited Partnership
Contact Address:	4833 West 96th Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Wenck Associates
Contact Address:	1802 Wooddale Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Contact Phone:	6512944587
Contact Phone Ext:	Not reported
Contact Fax:	6512281969
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Briggs & Morgan
Contact Address:	2400 IDS Center
Contact Address 2:	80 South 8th Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123348572
Contact Phone Ext:	Not reported
Contact Fax:	6123348650
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-09-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	LS0010760
Item ID:	3652-AREA0000000004
AI ID:	3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Facility Type:	Leak Site
Hydro:	Chai Insook (former)
Project Manager:	Stacey VanPatten (former)
Latitude:	44.94173408
Longitude:	-93.07460877
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered:	09/16/1997
Leak Reported:	09/17/1997
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/17/2001
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW19970001
Act Desc: Leak Site Investigation
Status: Closed

Facility ID: LS0003631
Item ID: 3652-AREA0000000005
AI ID: 3652
AI Name: 528 Partnership LLP Brown & Bigelow Bldg
Facility Type: Leak Site
Hydro: Not reported
Project Manager: James Joslyn (no longer at MPCA)
Latitude: 44.94169181
Longitude: -93.07462855
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Not reported
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
Leak Discovered: 12/12/1990
Leak Reported: 12/10/1990
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 08/01/1996
Owner: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner ZIP: Not reported
Acreage: Not reported
BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW19900001
Act Desc: Leak Site Investigation
Status: Closed

MN Financial Assurance 1:
PROGRAM ID: 193007
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 655
Interest Telephone: NO CORE PI PH.
Preferred ID: 3554
Interest Start Date: 07/23/1992
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 08/29/2006

BROWN AND BIGELOW (Continued) **1000437239**

TMSP Last Update:	02/14/2008 05:57:28
Staff ID Last Update:	BOLSON1
Source:	CORE
Source ID:	4946
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	193007
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	281652
Interest Telephone:	6512937323
Preferred ID:	3554
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	07/23/1992
TMSP Last Update:	08/29/2006 07:21:51
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	223189
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	655
Interest Telephone:	NO CORE PI PH.
Preferred ID:	10760
Interest Start Date:	11/22/1999
Interest End Date:	02/14/2008
Activity Flag:	N
TMSP Added:	11/30/2006
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	4946
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Mailed closure letter for typing. 05/17/2001\\n\\nAA.

PROGRAM ID:	223189
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	281652

BROWN AND BIGELOW (Continued) **1000437239**

Interest Telephone:	6512937323
Preferred ID:	10760
Interest Start Date:	11/22/1999
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	11/30/2006 06:49:46
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Mailed closure letter for typing. 05/17/2001\\n\\nAA.

PROGRAM ID:	225588
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	655
Interest Telephone:	NO CORE PI PH.
Preferred ID:	3631
Interest Start Date:	05/22/1998
Interest End Date:	02/14/2008
Activity Flag:	N
TMSP Added:	12/01/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	4946
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	225588
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	281652
Interest Telephone:	6512937215
Preferred ID:	3631
Interest Start Date:	05/22/1998
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	12/01/2006 08:13:02
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Latitude Longitude:

Program Id:	193007
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	01/21/2013 18:11:42
TMSP Last Update:	01/21/2013 18:11:42
Staff ID Last Update:	JBRANDO
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	4946
Spatial ID:	51375943

Program Id:	193007
Lat/Long ID:	5651
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	25.82
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	26.42
Collection Date:	06/30/1999 00:00:00
Lat/Long Description:	Site along road used for address match
TMSP Added:	05/18/2000 19:33:48
TMSP Last Update:	07/14/2004 22:01:34
Staff ID Last Update:	jporter
Coord Source Type:	U
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	J
Source:	CORE
Site ID:	4946
Spatial ID:	51375943

Tab Site:

Program Id:	193007
Facility Code:	19
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	03/10/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:01
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

BROWN AND BIGELOW (Continued) **1000437239**

Latitude Longitude:

Program Id:	225588
Lat/Long ID:	2995
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	25.7614
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	26.3547
Collection Date:	Not reported
Lat/Long Description:	Site Center
TMSP Added:	08/03/2004 12:34:14
TMSP Last Update:	04/29/2008 11:31:47
Staff ID Last Update:	SCHILD
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	TALES
Site ID:	4946
Spatial ID:	51842735

Program Id:	225588
Lat/Long ID:	5651
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	25.82
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	26.42
Collection Date:	06/30/1999 00:00:00
Lat/Long Description:	Site along road used for address match
TMSP Added:	05/18/2000 19:33:48
TMSP Last Update:	07/14/2004 22:01:34
Staff ID Last Update:	jporter
Coord Source Type:	U
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	J
Source:	CORE
Site ID:	4946
Spatial ID:	51842735

Staff Name:

Program Id:	225588
Staff Sequence ID:	12537
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:09
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	SPS
Staff ID Number:	4125

BROWN AND BIGELOW (Continued) **1000437239**

Program Id: 225588
Staff Sequence ID: 24596
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:21
TMSP Last Update: 01/20/2012 10:39:36
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 3296

Latitude Longitude:
Program Id: 223189
Lat/Long ID: 5651
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 25.82
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 26.42
Collection Date: 06/30/1999 00:00:00
Lat/Long Description: Site along road used for address match
TMSP Added: 05/18/2000 19:33:48
TMSP Last Update: 07/14/2004 22:01:34
Staff ID Last Update: jporter
Coord Source Type: U
Org Name Source: Not reported
Coord Coll Meth: A1
Map Scale Code: J
Source: CORE
Site ID: 4946
Spatial ID: 51832867

Program Id: 223189
Lat/Long ID: 8999
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 25.7614
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 26.3547
Collection Date: Not reported
Lat/Long Description: Site Center
TMSP Added: 08/03/2004 12:34:12
TMSP Last Update: 04/29/2008 11:32:00
Staff ID Last Update: SCHILD
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: A1
Map Scale Code: Not reported
Source: TALES
Site ID: 4946
Spatial ID: 51832867

BROWN AND BIGELOW (Continued) **1000437239**

Staff Name:
Program Id: 223189
Staff Sequence ID: 7040
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:03
TMSP Last Update: 01/20/2012 10:39:35
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: RRS
Staff ID Number: 3433

Program Id: 223189
Staff Sequence ID: 29765
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:26
TMSP Last Update: 01/20/2012 10:39:36
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: HYD
Staff ID Number: 3286

Program Id: 223189
Staff Sequence ID: 22316
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:19
TMSP Last Update: 01/20/2012 10:39:36
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 3433

WI MANIFEST:
Year: 2006
EPA ID: MND000826214
FID: 999509390
ACT Code: 201
ACT Status: A
ACT Code 1: 201
ACT Name: HW Generator - Large
Contact Title: SHIPPING
Contact Name: TOM MATSCHE
Contact Address: 345 PLATO BLVD
Contact City/State/Zip: ST PAUL, MN 55107
Contact Telephone: 6122937216
Contact EMail Address: Not reported

BROWN AND BIGELOW (Continued) **1000437239**

Year:	2004
EPA ID:	MND000826214
FID:	999509390
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact Title:	SHIPPING
Contact Name:	TOM MATSCHE
Contact Address:	345 PLATO BLVD
Contact City/State/Zip:	ST PAUL, MN 55107
Contact Telephone:	6122937216
Contact EMail Address:	Not reported

MN LS:

Link ID:	4321
EPA ID:	Not reported
MPCA ID:	VP6822
Method:	A1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

VAPOR:

Site ID:	VP6820
Delta Site ID:	3652
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3652
AI Name:	528 Partnership LLP Brown & Bigelow Bldg
Vapor Concern at Site:	Priority Superfund Site
Item ID:	3652-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	Public Land Survey-Two Quarter
Latitude:	44.94300399
Longitude:	-93.07336253

WIMN:

Status:	Y
Latitude:	44.940540669999997
Longitude:	-93.074047219999997
Item ID:	47986-AISI0000047986
AI ID:	47986
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	47986

BROWN AND BIGELOW (Continued) **1000437239**

Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	44029
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	A00006580; MNR000052589
Program List:	Hazardous Waste; Stormwater
Classification:	Unlaminated Plastics Profile Shape Manufacturing ; Motor Vehicle Electrical and Electronic Equipment Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=47986

L103 **528 PARTNERSHIP LLP BROWN & BIGELOW BLDG** **MN UST** **U004272786**
West **345 PLATO BLVD E** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.220 mi.
1161 ft. **Site 5 of 5 in cluster L**

Relative: UST:
Higher

Item Compart ID:	3652-EQUI0000000001-1
AI ID:	3652
Tank Site ID:	TS0003554
Item ID:	3652-EQUI0000000001
SI Type:	Underground Storage Tank System

Actual:
701 ft.

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **U004272786**

SI Design: 007
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1997-01-01 00:00:00
Material: Jacketed Steel
Status Change Date: 1997-01-01 00:00:00
Tank Status: Active
Tanks Contractor: Not reported
Capacity Gallons: 15000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 528 Limited Partnership
Owner Address: PO Box 7372
Owner City: Saint Paul
Owner State: MN
Owner Zip: 551070372
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=3652-TS0003554&programInterest=TS

Item Compart ID: 3652-EQUI0000000002-1
AI ID: 3652
Tank Site ID: TS0003554
Item ID: 3652-EQUI0000000002
SI Type: Underground Storage Tank System
SI Design: 005
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1979-12-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1979-12-01 00:00:00
Tank Status: Closed In-Place
Tanks Contractor: Not reported
Capacity Gallons: 25000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 528 Limited Partnership
Owner Address: PO Box 7372
Owner City: Saint Paul
Owner State: MN
Owner Zip: 551070372
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=3652-TS0003554&programInterest=TS

Item Compart ID: 3652-EQUI0000000003-1
AI ID: 3652
Tank Site ID: TS0003554
Item ID: 3652-EQUI0000000003
SI Type: Underground Storage Tank System
SI Design: 006
SI Description: Not reported
Compartment Number: 1

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **U004272786**

Substance: Chemical other or unspecified
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1979-12-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1979-12-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 2000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 528 Limited Partnership
Owner Address: PO Box 7372
Owner City: Saint Paul
Owner State: MN
Owner Zip: 551070372
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=3652-TS0003554&programInterest=TS

Item Compart ID: 3652-EQUI0000000004-1
AI ID: 3652
Tank Site ID: TS0003554
Item ID: 3652-EQUI0000000004
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1979-12-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1990-12-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 2000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 528 Limited Partnership
Owner Address: PO Box 7372
Owner City: Saint Paul
Owner State: MN
Owner Zip: 551070372
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=3652-TS0003554&programInterest=TS

Item Compart ID: 3652-EQUI0000000005-1
AI ID: 3652
Tank Site ID: TS0003554
Item ID: 3652-EQUI0000000005
SI Type: Underground Storage Tank System
SI Design: 003
SI Description: Not reported
Compartment Number: 1
Substance: Chemical other or unspecified
Wall Type: Single
Overfill Prevention System: Not reported

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **U004272786**

Install Date: 1979-12-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1997-01-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 2000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 528 Limited Partnership
Owner Address: PO Box 7372
Owner City: Saint Paul
Owner State: MN
Owner Zip: 551070372
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=3652-TS0003554&programInterest=TS

Item Compart ID: 3652-EQUI0000000006-1
AI ID: 3652
Tank Site ID: TS0003554
Item ID: 3652-EQUI0000000006
SI Type: Underground Storage Tank System
SI Design: 004
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1979-12-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1997-01-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 25000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 528 Limited Partnership
Owner Address: PO Box 7372
Owner City: Saint Paul
Owner State: MN
Owner Zip: 551070372
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=3652-TS0003554&programInterest=TS

Item Compart ID: 3652-EQUI0000000007-1
AI ID: 3652
Tank Site ID: TS0003554
Item ID: 3652-EQUI0000000007
SI Type: Underground Storage Tank System
SI Design: 002
SI Description: Not reported
Compartment Number: 1
Substance: Mineral spirits
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1979-12-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1997-01-01 00:00:00

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG (Continued) **U004272786**

Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	2000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	528 Limited Partnership
Owner Address:	PO Box 7372
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	551070372
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=3652-TS0003554&programInterest=TS

O104 **DIGIT IMAGING CENTERS INC - ST PAUL** **RCRA NonGen / NLR** **1000375103**
SSW **284 LAFAYETTE FRONTAGE RD** **MND006194492**
1/8-1/4 **ST. PAUL, MN 55107**
0.237 mi.
1250 ft. **Site 1 of 3 in cluster O**

Relative:
Higher

Actual:
702 ft.

RCRA NonGen / NLR:

Date form received by agency:	11/23/2004
Facility name:	DIGIT IMAGING CENTERS INC - ST PAUL
Facility address:	284 LAFAYETTE FRONTAGE RD ST. PAUL, MN 55107
EPA ID:	MND006194492
Contact:	JERRY TAYLOR
Contact address:	150 EVA ST ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-227-7368
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DIGIT IMAGING CENTERS INC
Owner/operator address:	284 LAFAYETTE FRONTAGE RD ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	651-227-7368
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/06/2001
Owner/Op end date:	11/24/2004

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

DIGIT IMAGING CENTERS INC - ST PAUL (Continued) **1000375103**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 11/23/2004
Site name: DIGIT IMAGING CENTERS INC - ST PAUL
Classification: Not a generator, verified

Date form received by agency: 01/07/2002
Site name: DIGIT IMAGING CENTERS INC - ST PAUL
Classification: Not a generator, verified

. Waste code: D000
. Waste name: Not Defined

. Waste code: D011
. Waste name: SILVER

Date form received by agency: 01/07/2002
Site name: DIGIT IMAGING CENTERS INC - ST PAUL
Classification: Not a generator, verified

Violation Status: No violations found

O105 **VALSPAR CONTRACTOR STORE** **MN WIMN** **S111752260**
SSW **284 E LAFAYETTE RD** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.237 mi.
1250 ft. **Site 2 of 3 in cluster O**

Relative:
Higher

Actual:
702 ft.

WIMN:

Status:	Y
Latitude:	44.936461899999998
Longitude:	-93.073033499999994
Item ID:	61031-AISI0000061031
AI ID:	61031
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	61031
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206

VALSPAR CONTRACTOR STORE (Continued) **S111752260**

USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	03/06/2001
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	55991
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MND006194492
MPCA List:	MND006194492
Program List:	Hazardous Waste
Classification:	Paint and Wallpaper Stores
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=61031

WIMN:

Legislative District:	65B
Latitude:	44.93609329
Longitude:	-93.07290512
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND006194492
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=77956
Coordinate Collection Method:	Address Matching House Number
Status:	Active

P106 **VOMELA SPECIALTIES RAW MATERIALS** **MN MANIFEST** **S119130034**
NW **444 FILLMORE AVE E** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.245 mi.
1292 ft. **Site 1 of 4 in cluster P**

Relative:
Higher

Actual:
708 ft.

MANIFEST:

Manifest ID:	923075
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	NJD080631369
Transporter 1 AI ID:	38481
Transporter 1 AI Name:	Veolia ES Technical Solutions LLC - NJ

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Transporter 1 Address:	3 Gold Mine Rd
Transporter 1 City:	Flanders
Transporter 1 State:	NJ
Transporter 1 ZIP:	07836
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	TXD000838896
TSD AI ID:	45255
TSD AI Name:	Veolia ES Technical Solutions LLC - TX
TSD Address:	Highway 73
TSD City:	Port Arthur
TSD State:	TX
TSD Zip:	77640
Gen Copy Recd Date:	8/28/2013 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	2013-08-22 00:00:00
Trans 1 Recd Date:	2013-08-22 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Detail:

Manifest ID:	923075
Manifest Row:	1
Haz Material Name:	PHENYLMERCURIC NEODECANOATE, ISOPHORONE DIISOCYANATE
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMPF
Waste Qty:	140
Waste Units Code:	AD
Waste Code List:	D009

Manifest ID:	930954
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	NJD080631369
Transporter 1 AI ID:	38481

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Transporter 1 AI Name:	Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address:	3 Gold Mine Rd
Transporter 1 City:	Flanders
Transporter 1 State:	NJ
Transporter 1 ZIP:	07836
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	WID003967148
TSD AI ID:	33607
TSD AI Name:	Veolia ES Technical Solutions LLC
TSD Address:	9451 Boundary Rd
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	3/18/2013 0:00:00
Fac Copy Recd Date:	2013-06-17 00:00:00
Gen Ship Date:	2013-03-13 00:00:00
Trans 1 Recd Date:	2013-03-13 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2013-03-21 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Detail:

Manifest ID:	930954
Manifest Row:	1
Haz Material Name:	GLYCOL ETHER ACETATE, CYCLOHEXANONE
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	3
Container Code:	DMML
Waste Qty:	165
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	942265
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	NJD080631369

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Transporter 1 AI ID:	38481
Transporter 1 AI Name:	Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address:	3 Gold Mine Rd
Transporter 1 City:	Flanders
Transporter 1 State:	NJ
Transporter 1 ZIP:	07836
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	WID003967148
TSD AI ID:	33607
TSD AI Name:	Veolia ES Technical Solutions LLC
TSD Address:	9451 Boundary Rd
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	8/15/2012 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	2012-08-10 00:00:00
Trans 1 Recd Date:	2012-08-10 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Detail:

Manifest ID:	942265
Manifest Row:	1
Haz Material Name:	WASTE FLAMIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	7
Container Code:	DMML
Waste Qty:	385
Waste Units Code:	AD
Waste Code List:	D001
Manifest ID:	942265
Manifest Row:	2
Haz Material Name:	NAPTHA
Haz Class Number:	Not reported

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	6
Container Code:	DMML
Waste Qty:	330
Waste Units Code:	AD
Waste Code List:	D001
Manifest ID:	942265
Manifest Row:	3
Haz Material Name:	GLYCOL ETHER ACETATE, CYCLOHEXANONE
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML
Waste Qty:	220
Waste Units Code:	AD
Waste Code List:	Not reported
Manifest ID:	947483
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	Not reported
Transporter 1 AI ID:	Not reported
Transporter 1 AI Name:	Not reported
Transporter 1 Address:	Not reported
Transporter 1 City:	Not reported
Transporter 1 State:	Not reported
Transporter 1 ZIP:	Not reported
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	Not reported
TSD AI ID:	Not reported
TSD AI Name:	Not reported
TSD Address:	Not reported
TSD City:	Not reported
TSD State:	Not reported
TSD Zip:	Not reported
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2014-09-29 00:00:00
Gen Ship Date:	Not reported
Trans 1 Recd Date:	Not reported
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Manifest ID:	937221
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	NJD080631369
Transporter 1 AI ID:	38481
Transporter 1 AI Name:	Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address:	3 Gold Mine Rd
Transporter 1 City:	Flanders
Transporter 1 State:	NJ
Transporter 1 ZIP:	07836
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	WID003967148
TSD AI ID:	33607
TSD AI Name:	Veolia ES Technical Solutions LLC
TSD Address:	9451 Boundary Rd
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	11/4/2011 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	2011-11-01 00:00:00
Trans 1 Recd Date:	2011-11-01 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Detail:

Manifest ID:	937221
Manifest Row:	1
Haz Material Name:	METHYL ETHYL KETONE
Haz Class Number:	Not reported

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	3
Container Code:	DMPF
Waste Qty:	166
Waste Units Code:	AD
Waste Code List:	D001
Manifest ID:	937221
Manifest Row:	2
Haz Material Name:	INK, NAPTHA
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	5
Container Code:	DMML
Waste Qty:	275
Waste Units Code:	AD
Waste Code List:	D001
Manifest ID:	937221
Manifest Row:	3
Haz Material Name:	NAPTHA, ISOPROPANOL
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001
Manifest ID:	937221
Manifest Row:	4
Haz Material Name:	AEROSOLS
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	30
Waste Units Code:	IB
Waste Code List:	D001,MN02
Manifest ID:	937221
Manifest Row:	5
Haz Material Name:	INK, CYCLOHEXANONE
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	30
Waste Units Code:	IB
Waste Code List:	D001,MN02
Manifest ID:	937221

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Manifest Row:	6
Haz Material Name:	ISOBORNYLACRYATE
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	937221
Manifest Row:	7
Haz Material Name:	NAPTHA
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML
Waste Qty:	220
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	937221
Manifest Row:	8
Haz Material Name:	ETHYLENE GLYCOL
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	120
Waste Units Code:	IB
Waste Code List:	Not reported

Manifest ID:	937221
Manifest Row:	9
Haz Material Name:	BATTERIES
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	15
Waste Units Code:	IB
Waste Code List:	Not reported

Manifest ID:	937221
Manifest Row:	10
Haz Material Name:	NON-RCRA, NON-DOT
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	110
Waste Units Code:	AD

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Waste Code List: Not reported

Manifest ID: 937223
Generator ID: MNS000104380
Generator AI ID: 89023
Transporter 1 ID: NJD080631369
Transporter 1 AI ID: 38481
Transporter 1 AI Name: Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address: 3 Gold Mine Rd
Transporter 1 City: Flanders
Transporter 1 State: NJ
Transporter 1 ZIP: 07836
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported
Transporter 2 ZIP: Not reported
TSD ID: AZ0000337360
TSD AI ID: 41242
TSD AI Name: Veolia ES Technical Solutions Inc AZ
TSD Address: 5736 W Jefferson St
TSD City: Phoenix
TSD State: AZ
TSD Zip: 85043-3633
Gen Copy Recd Date: Not reported
Fac Copy Recd Date: 2011-11-28 00:00:00
Gen Ship Date: 2011-11-01 00:00:00
Trans 1 Recd Date: 2011-11-01 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 2011-11-15 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 89023
Generator ID: MNS000104380
Generator AI Name: Vomela Specialties Raw Materials
Generator Contact: Steve Momsen
Contact Address: 444 Fillmore Ave E
Contact City: Saint Paul
Contact State: MN
Contact Zip: 55107
Contact Email: Not reported
Contact Phone: 651-523-9673

Detail:
Manifest ID: 937223
Manifest Row: 1
Haz Material Name: BALLASTS
Haz Class Number: Not reported
UN NA Number: Not reported
Packing Group Number: Not reported
Container Qty: 1
Container Code: DMPF
Waste Qty: 10

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Waste Units Code:	AL
Waste Code List:	MN03
Manifest ID:	925644
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	NJD080631369
Transporter 1 AI ID:	38481
Transporter 1 AI Name:	Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address:	3 Gold Mine Rd
Transporter 1 City:	Flanders
Transporter 1 State:	NJ
Transporter 1 ZIP:	07836
Transporter 2 ID:	OKD981588791
Transporter 2 AI ID:	44652
Transporter 2 AI Name:	Triad Transport Inc
Transporter 2 Address:	1630 Diesel Ave
Transporter 2 City:	Mcalester
Transporter 2 State:	OK
Transporter 2 ZIP:	74502
TSD ID:	TXD000838896
TSD AI ID:	45255
TSD AI Name:	Veolia ES Technical Solutions LLC - TX
TSD Address:	Highway 73
TSD City:	Port Arthur
TSD State:	TX
TSD Zip:	77640
Gen Copy Recd Date:	6/17/2013 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	2013-05-09 00:00:00
Trans 1 Recd Date:	2013-05-20 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2013-05-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Detail:

Manifest ID:	925644
Manifest Row:	1
Haz Material Name:	PHENYLMERCURIC NEODECANOATE, ISOPHORONE DISOCYANATE
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMPF

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Waste Qty:	800
Waste Units Code:	IB
Waste Code List:	D009
Manifest ID:	925644
Manifest Row:	2
Haz Material Name:	PHENYLMERCJRIC NEODECANOATE, ISOPHORONE DIISOCYANATE
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMPF
Waste Qty:	800
Waste Units Code:	IB
Waste Code List:	D009
Manifest ID:	921716
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	NJD080631369
Transporter 1 AI ID:	38481
Transporter 1 AI Name:	Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address:	3 Gold Mine Rd
Transporter 1 City:	Flanders
Transporter 1 State:	NJ
Transporter 1 ZIP:	07836
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	WID003967148
TSD AI ID:	33607
TSD AI Name:	Veolia ES Technical Solutions LLC
TSD Address:	9451 Boundary Rd
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	11/21/2012 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	2012-11-15 00:00:00
Trans 1 Recd Date:	2012-11-15 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Contact Email: Not reported
Contact Phone: 651-523-9673

Detail:

Manifest ID: 921716
Manifest Row: 1
Haz Material Name: METHYL ETHYL KETONE, INK
Haz Class Number: Not reported
UN NA Number: Not reported
Packing Group Number: Not reported
Container Qty: 3
Container Code: DMPF
Waste Qty: 165
Waste Units Code: AD
Waste Code List: D001

Manifest ID: 921716
Manifest Row: 2
Haz Material Name: INK, MINERAL SPIRITS
Haz Class Number: Not reported
UN NA Number: Not reported
Packing Group Number: Not reported
Container Qty: 8
Container Code: DMML
Waste Qty: 440
Waste Units Code: AD
Waste Code List: D001

Manifest ID: 921716
Manifest Row: 3
Haz Material Name: NAPTHA, FILTERS
Haz Class Number: Not reported
UN NA Number: Not reported
Packing Group Number: Not reported
Container Qty: 5
Container Code: DMML
Waste Qty: 275
Waste Units Code: AD
Waste Code List: D001

Manifest ID: 919132
Generator ID: MNS000104380
Generator AI ID: 89023
Transporter 1 ID: NJD080631369
Transporter 1 AI ID: 38481
Transporter 1 AI Name: Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address: 3 Gold Mine Rd
Transporter 1 City: Flanders
Transporter 1 State: NJ
Transporter 1 ZIP: 07836
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Transporter 2 ZIP:	Not reported
TSD ID:	WID003967148
TSD AI ID:	33607
TSD AI Name:	Veolia ES Technical Solutions LLC
TSD Address:	9451 Boundary Rd
TSD City:	Menomonee Falls
TSD State:	WI
TSD Zip:	53051
Gen Copy Recd Date:	11/19/2013 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	2013-11-06 00:00:00
Trans 1 Recd Date:	2013-11-06 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Detail:

Manifest ID:	919132
Manifest Row:	1
Haz Material Name:	METHYL ETHYL KETONE INK
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	Not reported
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	945518
Generator ID:	MNS000104380
Generator AI ID:	89023
Transporter 1 ID:	NJD080631369
Transporter 1 AI ID:	38481
Transporter 1 AI Name:	Veolia ES Technical Solutions LLC - NJ
Transporter 1 Address:	3 Gold Mine Rd
Transporter 1 City:	Flanders
Transporter 1 State:	NJ
Transporter 1 ZIP:	07836
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported

VOMELA SPECIALTIES RAW MATERIALS (Continued) **S119130034**

Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	Not reported
TSD AI ID:	Not reported
TSD AI Name:	Not reported
TSD Address:	Not reported
TSD City:	Not reported
TSD State:	Not reported
TSD Zip:	Not reported
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2014-09-29 00:00:00
Gen Ship Date:	Not reported
Trans 1 Recd Date:	Not reported
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	89023
Generator ID:	MNS000104380
Generator AI Name:	Vomela Specialties Raw Materials
Generator Contact:	Steve Momsen
Contact Address:	444 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-523-9673

Click this hyperlink while viewing on your computer to access additional MN MANIFEST: detail in the EDR Site Report.

P107 **VOMELA SPECIALTIES RAW MATERIALS** **RCRA-CESQG** **1008881590**
NW **444 FILLMORE AVE E** **MN WIMN** **MNS000104380**
1/8-1/4 **ST. PAUL, MN 55107**
0.245 mi.
1292 ft. **Site 2 of 4 in cluster P**

Relative:
Higher

Actual:
708 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2013
Facility name:	VOMELA SPECIALTIES RAW MATERIALS
Facility address:	444 FILLMORE AVE E ST. PAUL, MN 55107
EPA ID:	MNS000104380
Contact:	STEVE MOMSEN
Contact address:	444 FILLMORE AVE E ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-523-9673
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or

VOMELA SPECIALTIES RAW MATERIALS (Continued) **1008881590**

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	528 LTD PARTNERSHIP
Owner/operator address:	PO BOX 202142 BLOOMINGTON, MN 55420
Owner/operator country:	US
Owner/operator telephone:	651-523-9673
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/20/2004
Owner/Op end date:	Not reported

Owner/operator name:	528 LTD PARTNERSHIP
Owner/operator address:	PO BOX 202142 BLOOMINGTON, MN 55420
Owner/operator country:	US
Owner/operator telephone:	651-523-9673
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/20/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D001
. Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

VOMELA SPECIALTIES RAW MATERIALS (Continued) **1008881590**

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Historical Generators:

Date form received by agency:	05/26/2006
Site name:	VOMELA SPECIALTIES RAW MATERIALS
Classification:	Small Quantity Generator
Date form received by agency:	05/20/2004
Site name:	VOMELA SPECIALTIES RAW MATERIALS
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

WIMN:

Status:	Y
Latitude:	44.942847
Longitude:	-93.072837500000006
Item ID:	89023-AISI0000089023
AI ID:	89023
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	89023
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location

VOMELA SPECIALTIES RAW MATERIALS (Continued) **1008881590**

Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	05/20/2004
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	94181
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MNS000104380
MPCA List:	MNS000104380
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=89023

WIMN:

Legislative District:	65B
Latitude:	44.94287321
Longitude:	-93.07280452
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNS000104380
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=139552
Coordinate Collection Method:	Address Matching House Number
Status:	Active

O108 **SURGICAL TECHNOLOGIES, INC.** **MN WIMN** **S120062313**
SSW **292 E LAFAYETTE FRONTAGE RD** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.255 mi.
1346 ft. **Site 3 of 3 in cluster O**

Relative:
Higher

Actual:
701 ft.

WIMN:

Status:	N
Latitude:	44.936858299999997
Longitude:	-93.072969599999993
Item ID:	23109-AISI0000023109
AI ID:	23109
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	23109
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608

SURGICAL TECHNOLOGIES, INC. (Continued) **S120062313**

USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/20/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	09/20/2016
User Name of Last Update:	geo_nc
Status Date:	02/21/2007
The Delta Spatial ID:	20801
Activity:	Hazardous Waste, Small quantity generator
Activity List:	Hazardous Waste, Small quantity generator
MPCA ID:	MNR000041202
MPCA List:	MNR000041202
Program List:	Hazardous Waste
Classification:	Surgical Appliance and Supplies Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=23109

Q109 **ADVANCE CORPADVANCE STAMP** **MN WIMN** **S110178674**
WSW **287 S LAFAYETTE RD** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.258 mi.
1361 ft. **Site 1 of 3 in cluster Q**

Relative:
Higher

Actual:
711 ft.

WIMN:

Status:	N
Latitude:	44.937484400000002
Longitude:	-93.074966500000002
Item ID:	30180-AISI0000030180
AI ID:	30180
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	30180
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65

ADVANCE CORPADVANCE STAMP (Continued) **S110178674**

USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	07/27/1999
The Delta Spatial ID:	22813
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND006188148
MPCA List:	MND006188148
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30180

WIMN:

Legislative District:	65B
Latitude:	44.93748448
Longitude:	-93.07496657
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND006188148
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30527
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

R110 **ST PAUL FLIGHT CENTER** **MN ENF** **S110188100**
South **270 AIRPORT RD** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.260 mi.
1374 ft. **Site 1 of 6 in cluster R**

Relative:
Higher

Actual:
700 ft.

MN Enforcement Log :

Facility ID:	MNU000701
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported

ST PAUL FLIGHT CENTER (Continued) **S110188100**

RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	03/07/2006
Enforcement Type:	APO - Nonforgivable
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	6947
Activity ID:	PEN20070001
Public Flag:	Y
Latitude:	44.9397795
Longitude:	-93.0697003
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	270 Airport Rd
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	St Paul Flight Center (St. Paul, MN)
Zero Date:	01/09/2006
Case Closed:	4/24/2006
Case Lead:	Tom Sinn
Attorney Assigned:	Not reported
Lead Program:	Wastewater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	5,750
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	5,750

WIMN:

Status:	N
Latitude:	44.939786300000002
Longitude:	-93.069510500000007
Item ID:	49781-AISI0000049781
AI ID:	49781
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	49781
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B

ST PAUL FLIGHT CENTER (Continued) **S110188100**

Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	06/09/2000
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	06/10/2000
The Delta Spatial ID:	52117
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985770338
MPCA List:	MND985770338
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=49781

WIMN:

Legislative District:	65B
Latitude:	44.93973734
Longitude:	-93.06970621
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985770338
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=72221
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Status:	Y
Latitude:	44.562040000000003
Longitude:	-93.041330000000002
Item ID:	149979-AISI0000149979
AI ID:	149979
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	149979
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site

ST PAUL FLIGHT CENTER (Continued) **S110188100**

Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	663763
City, Township or Unorganized Name:	Castle Rock Township
Congressional District Code:	2
House District:	58B
Senate District:	58
USGS 8-digits:	07040002
USGS 8-digits Name:	Cannon River
USGS 10-digits:	704000209
USGS 12-digits:	70400020901
USGS 12-digits Name:	Pine Creek
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	G8
Method Description:	GPS - Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	12/30/2014
Timestamp of Creation:	06/30/2015
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	01/03/2018
User Name of Last Update:	rparlin
Status Date:	Not reported
The Delta Spatial ID:	74804839
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	MNR053CV2
MPCA List:	MNR053CV2
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=149979

WIMN:

Legislative District:	65B
Latitude:	44.93973734
Longitude:	-93.06970621
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985770338
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=72221
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Status:	Y
Latitude:	44.9397795
Longitude:	-93.069700299999994

ST PAUL FLIGHT CENTER (Continued) **S110188100**

Item ID:	6947-AISI0000006947
AI ID:	6947
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	6947
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; ST; WW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	02822205d
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	d
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	07/17/1998
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	5911
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater; Wastewater
MPCA ID:	Multiple IDs
MPCA List:	MND985744747; MNR053526; MNU000701
Program List:	Hazardous Waste; Stormwater; Water Quality
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=6947

WIMN:

Legislative District:	65B
Latitude:	44.93973734
Longitude:	-93.06970621
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985770338

ST PAUL FLIGHT CENTER (Continued) **S110188100**

Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=72221
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Status:	N
Latitude:	44.939786300000002
Longitude:	-93.069510500000007
Item ID:	39050-AISI0000039050
AI ID:	39050
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	39050
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	08/28/2003
The Delta Spatial ID:	45757
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNR000033019
MPCA List:	MNR000033019
Program List:	Hazardous Waste

ST PAUL FLIGHT CENTER (Continued) **S110188100**

Classification: Not reported
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=39050

WIMN:
Legislative District: 65B
Latitude: 44.93973734
Longitude: -93.06970621
Activity: Hazardous Waste, Small to Minimal QG
MPCA ID: MND985770338
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=72221
Coordinate Collection Method: Address Matching House Number
Status: Inactive

R111 **AIR METHODS CORP** **MN WIMN** **S110178801**
South **270 AIRPORT DR STE 109** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.260 mi.
1374 ft. **Site 2 of 6 in cluster R**

Relative: **Higher**
Actual: **700 ft.**

WIMN:
Status: N
Latitude: 44.939786300000002
Longitude: -93.069510500000007
Item ID: 37370-AISI0000037370
AI ID: 37370
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 37370
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Hazardous Waste
Program List: HW
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4
House District: 65B
Senate District: 65
USGS 8-digits: 07010206
USGS 8-digits Name: Mississippi River - Twin Cities
USGS 10-digits: 701020608
USGS 12-digits: 70102060805
USGS 12-digits Name: Harriet Island-Mississippi River
MDH Drinking Water Management Code: Not reported
MDH Drinking Water Management Name: Not reported
Location Description: Not reported
Township, Range, Direction, Section QQ: Not reported
PLS Township: Not reported
Range: Not reported
Range Direction: Not reported
Section: Not reported
Quarters: Not reported
Collection Method Code: A1
Method Description: Address Matching House Number

AIR METHODS CORP (Continued) **S110178801**

Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	10/14/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	10/15/1999
The Delta Spatial ID:	47880
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985695758
MPCA List:	MND985695758
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37370

WIMN:

Legislative District:	65B
Latitude:	44.93973734
Longitude:	-93.06970621
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985695758
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=63946
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

P112 **MNDOT LAFAYETTE BRIDGE** **MN VIC** **S110144944**
NW **SEE LOCATION DESCRIPTION** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55101**
0.261 mi.
1376 ft. **Site 3 of 4 in cluster P**

Relative:
Higher

Actual:
709 ft.

VIC:

Facility ID:	VP25830
Facility Type:	Brownfield Site
Item ID:	188950-AREA0000000001
AI ID:	188950
AI Name:	MNDOT Lafayette Bridge
Hydro:	Lynne Grigor (former)
Project Manager:	Andrew Nichols (former)
Latitude:	44.94677048
Longitude:	-93.07910245
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188950
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/09/2009
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	MNDOT Central Office

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Owner Address:	395 John Ireland Blvd
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP25830
Facility Address 2:	Not reported
Core Program Interest ID:	57357242
Link ID:	6924
Site Type:	Other
Active?:	True
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/09/2009
Last Update Date:	10/31/2011
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	493746.60200000001
Utm North:	4977034.1960000005
Utm Zone:	Not reported
Basin Code:	5
Major Watershed:	44
Minor Watershed:	44001
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP25830
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2009-12-09 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-12-14 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	None Entered
Record Number:	30831

Date Started:	Not reported
Date End:	2010-04-14 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-04-26 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	None Entered
Record Number:	31318

Date Started:	Not reported
Date End:	2010-05-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-05-13 00:00:00
Facid:	VP25830
Event:	1

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Additional Information:	IRAP
Record Number:	31386
Date Started:	2010-05-24 00:00:00
Date End:	2010-06-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-06-30 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 251F
Record Number:	31566
Date Started:	2010-05-24 00:00:00
Date End:	2010-06-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-06-30 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 204
Record Number:	31567
Date Started:	2010-05-24 00:00:00
Date End:	2010-06-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-06-30 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 43
Record Number:	31568
Date Started:	2010-05-24 00:00:00
Date End:	2010-06-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-06-30 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 3
Record Number:	31569
Date Started:	2010-07-27 00:00:00
Date End:	2010-09-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-10-05 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 251D, Issued to MnDOT
Record Number:	31836
Date Started:	2010-07-27 00:00:00
Date End:	2010-09-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Last Update:	2010-10-05 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 7, Issued to MnDOT
Record Number:	31837
Date Started:	2010-07-27 00:00:00
Date End:	2010-09-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-10-05 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 301A
Record Number:	31838
Date Started:	Not reported
Date End:	2011-02-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-02-07 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Conditional RAP Approval
Record Number:	32260
Date Started:	Not reported
Date End:	2011-02-09 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-02-10 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Revised Conditional RAP approval
Record Number:	32271
Date Started:	Not reported
Date End:	2010-05-24 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-11-03 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Barber Electric
Record Number:	33146
Date Started:	Not reported
Date End:	2013-01-23 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2013-01-25 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	2011 RAP Implementation Report
Record Number:	35935
Date Started:	Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Date End: 2014-09-26 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2014-10-13 00:00:00
Facid: VP25830
Event: 1
Additional Information: 2013 Implementation Report
Record Number: 39704

Date Started: Not reported
Date End: 2015-04-24 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-04-24 00:00:00
Facid: VP25830
Event: 1
Additional Information: 2014 Implementation Report
Record Number: 40774

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1850
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 302
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 5.3000002
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Max Residual Contamination: 159000
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 5290
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 1230
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 74.599998
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 2.2
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 22600
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 21.1
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 10.8

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Date Info Last Updated:	2011-02-04 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	SRV (Soil Reference Value)
Max Residual Contamination:	102
Date Info Last Updated:	2011-02-04 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	SRV (Soil Reference Value)
Max Residual Contamination:	295
Date Info Last Updated:	2011-02-04 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	SRV (Soil Reference Value)
Max Residual Contamination:	5260
Date Info Last Updated:	2011-02-04 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	100
Cleanup Lvl Measure Units:	mg/L
Basis For Req Cleanup Lvl:	Other
Max Residual Contamination:	103
Date Info Last Updated:	2011-02-04 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	HRL (Health Risk Limit)
Max Residual Contamination:	10100
Date Info Last Updated:	2011-02-04 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	HRL (Health Risk Limit)
Max Residual Contamination:	354
Date Info Last Updated:	2011-02-04 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	HRL (Health Risk Limit)
Max Residual Contamination:	119
Date Info Last Updated:	2011-02-04 00:00:00

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-7271
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	andrew.nichols@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3359

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572399
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	lynne.grigor@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3255

Contact Type:	1
Company Name:	MNDOT
Contact Address:	395 John Ireland Blvd.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6513663621
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Carolyn.Boben@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	SEH, Inc.
Contact Address:	3535 Vadnais Center Drive
Contact Address 2:	Not reported
Contact Province:	Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514902174
Contact Phone Ext:	Not reported
Contact Fax:	6514902150
Contact E-mail:	tfryzek@sehinc.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP25830
Item ID:	188950-AREA0000000001
AI ID:	188950
AI Name:	MNDOT Lafayette Bridge
Facility Type:	Brownfield Site
Hydro:	Lynne Grigor (former)
Project Manager:	Andrew Nichols (former)
Latitude:	44.94677048
Longitude:	-93.07910245
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188950
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/09/2009
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	MNDOT Central Office
Owner Address:	395 John Ireland Blvd
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	2
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20090001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP25830
Facility Adress 2:	Not reported
Core Program Interest ID:	57357242
Link ID:	6924
Site Type:	Other

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Active?:	True
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/09/2009
Last Update Date:	10/31/2011
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	493746.60200000001
Utm North:	4977034.1960000005
Utm Zone:	Not reported
Basin Code:	5
Major Watershed:	44
Minor Watershed:	44001
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP25830
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2009-12-09 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-12-14 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	None Entered
Record Number:	30831

Date Started:	Not reported
Date End:	2010-04-14 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-04-26 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	None Entered
Record Number:	31318

Date Started:	Not reported
Date End:	2010-05-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-05-13 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	IRAP
Record Number:	31386

Date Started:	2010-05-24 00:00:00
Date End:	2010-06-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-06-30 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Parcel 251F

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Record Number: 31566

Date Started: 2010-05-24 00:00:00
Date End: 2010-06-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2010-06-30 00:00:00
Facid: VP25830
Event: 1
Additional Information: Parcel 204
Record Number: 31567

Date Started: 2010-05-24 00:00:00
Date End: 2010-06-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2010-06-30 00:00:00
Facid: VP25830
Event: 1
Additional Information: Parcel 43
Record Number: 31568

Date Started: 2010-05-24 00:00:00
Date End: 2010-06-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2010-06-30 00:00:00
Facid: VP25830
Event: 1
Additional Information: Parcel 3
Record Number: 31569

Date Started: 2010-07-27 00:00:00
Date End: 2010-09-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2010-10-05 00:00:00
Facid: VP25830
Event: 1
Additional Information: Parcel 251D, Issued to MnDOT
Record Number: 31836

Date Started: 2010-07-27 00:00:00
Date End: 2010-09-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2010-10-05 00:00:00
Facid: VP25830
Event: 1
Additional Information: Parcel 7, Issued to MnDOT
Record Number: 31837

Date Started: 2010-07-27 00:00:00
Date End: 2010-09-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2010-10-05 00:00:00

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Facid:	VP25830
Event:	1
Additional Information:	Parcel 301A
Record Number:	31838
Date Started:	Not reported
Date End:	2011-02-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-02-07 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Conditional RAP Approval
Record Number:	32260
Date Started:	Not reported
Date End:	2011-02-09 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-02-10 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Revised Conditional RAP approval
Record Number:	32271
Date Started:	Not reported
Date End:	2010-05-24 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-11-03 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	Barber Electric
Record Number:	33146
Date Started:	Not reported
Date End:	2013-01-23 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2013-01-25 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	2011 RAP Implementation Report
Record Number:	35935
Date Started:	Not reported
Date End:	2014-09-26 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2014-10-13 00:00:00
Facid:	VP25830
Event:	1
Additional Information:	2013 Implementation Report
Record Number:	39704
Date Started:	Not reported
Date End:	2015-04-24 00:00:00

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-04-24 00:00:00
Facid: VP25830
Event: 1
Additional Information: 2014 Implementation Report
Record Number: 40774

Contact Info:

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1850
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 302
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 5.3000002
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 159000
Date Info Last Updated: 2010-10-06 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 5290
Date Info Last Updated: 2010-10-06 00:00:00

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 1230
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 74.599998
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 2.2
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 22600
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 21.1
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 10.8
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 102
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 295
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 5260
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 100
Cleanup Lvl Measure Units: mg/L
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 103
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 10100
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 354
Date Info Last Updated: 2011-02-04 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 119
Date Info Last Updated: 2011-02-04 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-7271
Contact Phone Ext: Not reported

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Contact Fax:	6512969707
Contact E-mail:	andrew.nichols@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3359
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572399
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	lynne.grigor@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3255
Contact Type:	1
Company Name:	MNDOT
Contact Address:	395 John Ireland Blvd.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6513663621
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Carolyn.Boben@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	SEH, Inc.
Contact Address:	3535 Vadnais Center Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514902174
Contact Phone Ext:	Not reported
Contact Fax:	6514902150
Contact E-mail:	tfryzek@sehinc.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-12-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

MNDOT LAFAYETTE BRIDGE (Continued) **S110144944**

Staff Id Num: 0

P113 **MNDOT LAFAYETTE BRIDGE** **MN BROWNFIELDS** **S119124454**
NW **SEE LOCATION DESCRIPTION** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55101**
0.261 mi.
1376 ft. **Site 4 of 4 in cluster P**

Relative:
Higher

Actual:
709 ft.

BROWNFIELDS:

Site ID:	VP25830
Leak Num:	Not reported
Owner Name:	MNDOT Central Office
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	188950-AREA0000000001
AI ID:	188950
AI Name:	MNDOT Lafayette Bridge
Site type:	Brownfield Site
Hydro:	Lynne Grigor (former)
Project Manager:	Andrew Nichols (former)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188950
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/09/2009
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	395 John Ireland Blvd
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.94677048
Longitude:	-93.07910245

WIMN:

Status:	Y
Latitude:	44.946743599999998
Longitude:	-93.079115099999996
Item ID:	188950-AISI0000188950
AI ID:	188950
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	188950
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651

MNDOT LAFAYETTE BRIDGE (Continued) **S119124454**

City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: center of existing Lafayette Bridge
Township, Range, Direction, Section QQ:	2822205
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	Not reported
Collection Method Code:	IO
Method Description:	Interpolation Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	12/14/2009
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	57357240
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP25830
MPCA List:	VP25830
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188950

Q114 **GRAINGER INDUSTRIAL SUPPLY - ST PAUL** **RCRA NonGen / NLR** **1008881260**
WSW **277 LAFAYETTE FRONTAGE RD W** **MN WIMN** **MNS000100974**
1/4-1/2 **ST. PAUL, MN 55107**
0.261 mi.
1380 ft. **Site 2 of 3 in cluster Q**

Relative: **Higher**
Actual: **706 ft.**

RCRA NonGen / NLR:

Date form received by agency:	02/19/2008
Facility name:	GRAINGER INDUSTRIAL SUPPLY - ST PAUL
Facility address:	277 LAFAYETTE FRONTAGE RD W ST. PAUL, MN 55107
EPA ID:	MNS000100974
Mailing address:	345 E PLATO BLVD STE 120 ST. PAUL, MN 55107
Contact:	ART MARTINEZ
Contact address:	345 E PLATO BLVD STE 120 ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-298-9601
Contact email:	Not reported

GRAINGER INDUSTRIAL SUPPLY - ST PAUL (Continued) **1008881260**

EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WW GRAINGER INC
Owner/operator address: 100 GRAINGER PKWY
LAKE FOREST, IL 60045
Owner/operator country: US
Owner/operator telephone: 651-298-9601
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/03/2003
Owner/Op end date: 02/22/2008

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/28/2005
Site name: GRAINGER INDUSTRIAL SUPPLY - ST PAUL
Classification: Not a generator, verified

Violation Status: No violations found

WIMN:
Status: N
Latitude: 44.937988099999998
Longitude: -93.074983900000007
Item ID: 87375-AISI0000087375
AI ID: 87375
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 87375
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported

GRAINGER INDUSTRIAL SUPPLY - ST PAUL (Continued) **1008881260**

MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	11/03/2003
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	02/22/2008
The Delta Spatial ID:	91361
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNS000100974
MPCA List:	MNS000100974
Program List:	Hazardous Waste
Classification:	Motor Vehicle Electrical and Electronic Equipment Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=87375

WIMN:

Legislative District:	65B
Latitude:	44.93798816
Longitude:	-93.07498399
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNS000100974
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=131023
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

115 SW 1/4-1/2 0.264 mi. 1393 ft. | **LAFAYETTE CENTER**
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107 | **MN VIC**
MN BROWNFIELDS
MN SRS
MN WIMN | **S117898539**
N/A

Relative: Higher

Actual: 711 ft.

VIC:

Facility ID:	VP32650
Facility Type:	Brownfield Site
Item ID:	203044-AREA0000000001
AI ID:	203044
AI Name:	Lafayette Center
Hydro:	Timothy Lockrem
Project Manager:	Timothy Lockrem
Latitude:	44.93671632
Longitude:	-93.07492906
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=203044
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/21/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Lafayette Square
Owner Address:	See location description
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107

Prior Aug 2016:

Facility ID:	VP32650
Facility Address 2:	Not reported
Core Program Interest ID:	73680766
Link ID:	8182
Site Type:	Printing
Active?:	True
Pay Complete:	False
MPCA Region:	Metro
Site Size:	4.7199998
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	287 and 309 West Lafayette Frontage Rd and 285 Florida Street
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	PB____

LAFAYETTE CENTER (Continued) **S117898539**

Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	04/21/2015
Last Update Date:	04/23/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	494075.80099999998
Utm North:	4975919.9859999996
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase

LAFAYETTE CENTER (Continued) **S117898539**

VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP32650
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

LAFAYETTE CENTER (Continued) **S117898539**

Date Started:	2015-04-21 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-04-23 00:00:00
Facid:	VP32650
Event:	1
Additional Information:	None Entered
Record Number:	40763

Date Started:	2015-04-21 00:00:00
Date End:	2015-05-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-05-27 00:00:00
Facid:	VP32650
Event:	1
Additional Information:	None Entered
Record Number:	40885

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2015-05-21 00:00:00

Contacts:

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952494
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	sanelson@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-23 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Cushman & Wakefield/Northmarq
Contact Address:	400 Robert St
Contact Address 2:	Ste 220
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516654476
Contact Phone Ext:	Not reported

LAFAYETTE CENTER (Continued) **S117898539**

Contact Fax:	Not reported
Contact E-mail:	larry.olimb@cushwakenm.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-23 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441

BROWNFIELDS:

Site ID:	VP32650
Leak Num:	Not reported
Owner Name:	Lafayette Square
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	203044-AREA0000000001
AI ID:	203044
AI Name:	Lafayette Center
Site type:	Brownfield Site
Hydro:	Timothy Lockrem
Project Manager:	Timothy Lockrem
Coord Collection Method:	Digitized - MPCA internal mapping application

LAFAYETTE CENTER (Continued) **S117898539**

Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=203044
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/21/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	See location description
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Latitude:	44.93671632
Longitude:	-93.07492906

SRS:

Facility ID:	VP32650
Item ID:	203044-AREA0000000001
AI ID:	203044
AI Name:	Lafayette Center
Facility Type:	Brownfield Site
Hydro:	Timothy Lockrem
Project Manager:	Timothy Lockrem
Latitude:	44.93671632
Longitude:	-93.07492906
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=203044
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	04/21/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Lafayette Square
Owner Address:	See location description
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Acreage:	4.72
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150001
Act Desc:	Brownfield Site
Status:	Not reported

Prior Aug 2016:

Facility ID:	VP32650

LAFAYETTE CENTER (Continued) **S117898539**

Facility Adress 2:	Not reported
Core Program Interest ID:	73680766
Link ID:	8182
Site Type:	Printing
Active?:	True
Pay Complete:	False
MPCA Region:	Metro
Site Size:	4.7199998
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	287 and 309 West Lafayette Frontage Rd and 285 Florida Street
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	PB____
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	04/21/2015
Last Update Date:	04/23/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported

LAFAYETTE CENTER (Continued) **S117898539**

verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	494075.80099999998
Utm North:	4975919.9859999996
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP32650
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1

LAFAYETTE CENTER (Continued) **S117898539**

Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2015-04-21 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-04-23 00:00:00
Facid:	VP32650
Event:	1
Additional Information:	None Entered
Record Number:	40763

Date Started:	2015-04-21 00:00:00
Date End:	2015-05-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-05-27 00:00:00
Facid:	VP32650
Event:	1
Additional Information:	None Entered
Record Number:	40885

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2015-05-21 00:00:00

Contacts:

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S

LAFAYETTE CENTER (Continued) **S117898539**

Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952494
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	sanelson@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-23 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Cushman & Wakefield/Northmarq
Contact Address:	400 Robert St
Contact Address 2:	Ste 220
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516654476
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	larry.olimb@cushwakenm.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-23 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported

LAFAYETTE CENTER (Continued) **S117898539**

Contact Fax:	0000000000
Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-04-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441

WIMN:

Status:	Y
Latitude:	44.936716300000001
Longitude:	-93.074928999999997
Item ID:	203044-AISI0000203044
AI ID:	203044
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	203044
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: center of site
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/26/2016
Timestamp of Creation:	04/23/2015
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	73680759
Activity:	Brownfields, Voluntary Investigation and Cleanup

LAFAYETTE CENTER (Continued) **S117898539**

Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP32650
MPCA List:	VP32650
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=203044

Q116 **COLLINS COMMUNICATION (FORMERLY)** **MN VIC** **S105804221**
WSW **273 W LAFAYETTE FRONTAGE ROAD** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.267 mi. **MN LS**
1412 ft. **Site 3 of 3 in cluster Q** **MN VAPOR**
MN WIMN

Relative: Higher

Actual: 704 ft.

VIC:

Facility ID:	VP10160
Facility Type:	Brownfield Site
Item ID:	195356-AREA0000000001
AI ID:	195356
AI Name:	Collins Communication (Formerly)
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93797302
Longitude:	-93.07552338
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195356
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/07/1998
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/27/2000
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP10160
Facility Address 2:	Not reported
Core Program Interest ID:	336372
Link ID:	4949
Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	Not reported
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Part of the State Street Dump collection.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Four soil borings were advanced on the property. Soil and ground water samples were collected and analyzed for metals and volatile organic compounds from only one of the soil borings at the soil/ground water interface. VOC's including TCE detected. Ground Water had metals and VOC'. Michael Kronstedt and Kronstedt Investments requested a no Assciation letter for purchase and operation of a watrehouse facility. Also for a threatened release of methane gas
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	K. Lukes
Created Date:	07/15/1998
Last Update Date:	11/26/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494041.4375
Utm North:	4976063

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP10160
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1998-07-07 00:00:00
Date End:	2000-08-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-07-15 00:00:00
Facid:	VP10160
Event:	1
Additional Information:	None
Record Number:	5050

Date Started:	1998-07-22 00:00:00
Date End:	1998-07-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-10-08 00:00:00
Facid:	VP10160
Event:	1
Additional Information:	None Entered
Record Number:	5779

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-07-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

BROWNFIELDS:

Site ID:	VP10160
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	195356-AREA0000000001
AI ID:	195356
AI Name:	Collins Communication (Formerly)
Site type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195356
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/07/1998
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/27/2000
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93797302
Longitude:	-93.07552338

SRS:

Facility ID:	VP10160
Item ID:	195356-AREA0000000001
AI ID:	195356
AI Name:	Collins Communication (Formerly)
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93797302
Longitude:	-93.07552338

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195356
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/07/1998
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/27/2000
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	Not reported
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP10160
Facility Adress 2:	Not reported
Core Program Interest ID:	336372
Link ID:	4949
Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	Not reported
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Part of the State Street Dump collection.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Four soil borings were advanced on the property. Soil and ground water samples were collected and analyzed for metals and volatile organic compounds from only one of the soil borings at the soil/ground water interface. VOC’s including TCE detected. Ground Water had metals and

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

	VOC'. Michael Kronstedt and Kronstedt Investments requested a no Assciation letter for purchase and operation of a watrehouse facility. Also for a threatened release of methane gas
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	K. Lukes
Created Date:	07/15/1998
Last Update Date:	11/26/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494041.4375
Utm North:	4976063
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP10160
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

SIte Event Log:

Date Started:	1998-07-07 00:00:00
Date End:	2000-08-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-07-15 00:00:00
Facid:	VP10160
Event:	1
Additional Information:	None
Record Number:	5050

Date Started:	1998-07-22 00:00:00
Date End:	1998-07-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-10-08 00:00:00
Facid:	VP10160
Event:	1
Additional Information:	None Entered
Record Number:	5779

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-07-15 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-07-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

MN LS:

Link ID:	4949
EPA ID:	Not reported
MPCA ID:	VP10160
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

VAPOR:

Site ID:	VP10160
Delta Site ID:	195356
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195356
AI Name:	Collins Communication (Formerly)
Vapor Concern at Site:	Priority Superfund Site
Item ID:	195356-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	Digitized-DRG
Latitude:	44.93797302
Longitude:	-93.07552338

WIMN:

Status:	Y
Latitude:	44.937974820000001
Longitude:	-93.075520170000004
Item ID:	195356-AISI0000195356
AI ID:	195356
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	195356
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805

COLLINS COMMUNICATION (FORMERLY) (Continued) **S105804221**

USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205db
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	db
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646815
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP10160
MPCA List:	VP10160
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195356

WIMN:

Legislative District:	65B
Latitude:	44.93797302
Longitude:	-93.07552338
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	VP10160
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=172369
Coordinate Collection Method:	Digitized-DRG
Status:	Inactive

R117 **ST. PAUL FLIGHT CENTER** **MN Financial Assurance** **S107976995**
South **278 AIRPORT DR** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.271 mi.
1432 ft. **Site 3 of 6 in cluster R**

Relative:
Higher

Actual:
700 ft.

MN Financial Assurance 1:

PROGRAM ID:	210143
Township Name:	White Bear
Region:	1
Interest Type:	Tank site
ADDR ID:	208604
Interest Telephone:	NO CORE PI PH.
Preferred ID:	53050
Interest Start Date:	04/01/1993
Interest End Date:	Not reported

ST. PAUL FLIGHT CENTER (Continued) **S107976995**

Activity Flag:	Y
TMSP Added:	09/14/2006
TMSP Last Update:	09/14/2006 08:50:51
Staff ID Last Update:	RSUCHAN
Source:	CORE
Source ID:	229657
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	210143
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	208604
Interest Telephone:	6512278108
Preferred ID:	53050
Interest Start Date:	04/01/1993
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	04/01/1993
TMSP Last Update:	09/14/2006 08:50:51
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	210143
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	03/24/2011 16:00:11
TMSP Last Update:	03/24/2011 16:00:11
Staff ID Last Update:	BPALMQU
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	229657
Spatial ID:	51433307

Program Id:	210143
Lat/Long ID:	166933

ST. PAUL FLIGHT CENTER (Continued) **S107976995**

Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	22.1
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	10.91
Collection Date:	03/29/2010 17:52:50
Lat/Long Description:	Not reported
TMSP Added:	03/29/2010 18:45:27
TMSP Last Update:	03/29/2010 18:45:27
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	229657
Spatial ID:	51433307

Tab Site:

Program Id:	210143
Facility Code:	34
Above or Under Code:	1
Indian Reservation:	N
Ust Registration Date:	Not reported
Ast Registration Date:	05/07/1986 00:00:00
TMSP Added:	04/01/1993 00:00:00
TMSP Last Update:	05/23/2003 09:21:04
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

WIMN:

Status:	Y
Latitude:	44.939473900000003
Longitude:	-93.069699900000003
Item ID:	111271-AISI0000111271
AI ID:	111271
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	111271
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Tanks
Program List:	TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206

ST. PAUL FLIGHT CENTER (Continued) **S107976995**

USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	09/14/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/07/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	51433306
Activity:	Aboveground Tanks
Activity List:	Aboveground Tanks
MPCA ID:	TS0053050
MPCA List:	TS0053050
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111271

WIMN:

Legislative District:	65B
Latitude:	44.93947396
Longitude:	-93.06969997
Activity:	Tank Site
MPCA ID:	53050
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=229657
Coordinate Collection Method:	Address Matching House Number
Status:	Active

S118 **VACANT BUILDING** **MN VIC** **S104732134**
WSW **265 LAFAYETTE FRONTAGE RD W** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.271 mi. **MN LS**
1433 ft. **Site 1 of 2 in cluster S** **MN WIMN**

Relative: Higher
Actual: 700 ft.

VIC:

Facility ID:	VP9260
Facility Type:	Brownfield Site
Item ID:	191153-AREA0000000001
AI ID:	191153
AI Name:	Vacant Building -2
Hydro:	Jennifer Haas (former)

VACANT BUILDING (Continued) **S104732134**

Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93826752
Longitude:	-93.07509635
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191153
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/15/1997
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/10/2000
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP9260
Facility Address 2:	Not reported
Core Program Interest ID:	55131638
Link ID:	4822
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	0.5
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	10/15/1997
Last Update Date:	10/11/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported

VACANT BUILDING (Continued) **S104732134**

Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494048.71875
Utm North:	4976062
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP9260
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported

VACANT BUILDING (Continued) **S104732134**

Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	1998-11-05 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	1997-11-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-11-05 00:00:00
Facid:	VP9260
Event:	1
Additional Information:	For Proposed Action of acquistion and finance of the property. Identified Release defined as arsenic in soil and presence of methane gas.
Record Number:	6086

VACANT BUILDING (Continued) **S104732134**

Date Started:	1997-10-15 00:00:00
Date End:	2000-05-10 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP9260
Event:	1
Additional Information:	None
Record Number:	1492

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-11-05 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-11-05 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-06-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	jennifer.haas@state.mn.us

VACANT BUILDING (Continued) **S104732134**

Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-04-15 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3257

Facility ID: VP9261
Facility Type: Brownfield Site
Item ID: 191153-AREA0000000002
AI ID: 191153
AI Name: Vacant Building -2
Hydro: Jennifer Haas (former)
Project Manager: Gerald Stahnke (no longer at MPCA)
Latitude: 44.93826752
Longitude: -93.0750912
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191153
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 01/23/1998
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 08/18/2000
Owner: Unknown
Owner Address: 520 Lafayette Rd N
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55155

Prior Aug 2016:
Facility ID: VP9261
Facility Address 2: Not reported
Core Program Interest ID: 336257
Link ID: 4822
Site Type: Dump (Unpermitted)
Active?: False
Pay Complete: False
MPCA Region: Metro
Site Size: 0.5
Score: 0
Enforcement Lead Agency: Not reported
Federal Deferral Pilot?: False
Site Classification A Emergency: False
Site Classification B O and m: False
Site Classification C Rd/ra: False
Site Classification D Ri/fs: False
Fund Financed: False
NPL: False
PLP: False
District: Metro
Program Site Was Referred From: Not reported
Program Interest: VIC
Physical Location: Same site as 9260
Natural Resource Damage: False

VACANT BUILDING (Continued) **S104732134**

Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	K. Lukes
Created Date:	01/28/1998
Last Update Date:	10/11/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494048.71875
Utm North:	4976062
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported

VACANT BUILDING (Continued) **S104732134**

Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP9261
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	1998-11-05 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

VACANT BUILDING (Continued) **S104732134**

SIte Event Log:

Date Started:	1998-01-23 00:00:00
Date End:	2000-08-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-28 00:00:00
Facid:	VP9261
Event:	1
Additional Information:	None
Record Number:	3826

Date Started:	Not reported
Date End:	1998-01-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-03-08 00:00:00
Facid:	VP9261
Event:	1
Additional Information:	For Proposed Actions of leasing the property, performing improvements, and finance of improvements. Identified Release defined as arsenic in soil and the presence of methane gas.
Record Number:	6091

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-11-05 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	1998-11-05 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-06-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

VACANT BUILDING (Continued) **S104732134**

Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1802
Contact Phone Ext: Not reported
Contact Fax: 651-296-9707
Contact E-mail: jennifer.haas@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-04-15 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3257

BROWNFIELDS:
Site ID: VP9260
Leak Num: Not reported
Owner Name: Unknown
Leak Source: Not reported
Response Action Date: Not reported
Site Acreage: Not reported
Item Id: 191153-AREA0000000001
AI ID: 191153
AI Name: Vacant Building -2
Site type: Brownfield Site
Hydro: Jennifer Haas (former)
Project Manager: Gerald Stahnke (no longer at MPCA)
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191153
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 10/15/1997
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 05/10/2000
Owner Address: 520 Lafayette Rd N
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55155
Latitude: 44.93826752
Longitude: -93.07509635

Site ID: VP9261
Leak Num: Not reported
Owner Name: Unknown
Leak Source: Not reported
Response Action Date: Not reported
Site Acreage: Not reported

VACANT BUILDING (Continued) **S104732134**

Item Id:	191153-AREA0000000002
AI ID:	191153
AI Name:	Vacant Building -2
Site type:	Brownfield Site
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191153
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/23/1998
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/18/2000
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93826752
Longitude:	-93.0750912

SRS:

Facility ID:	VP9260
Item ID:	191153-AREA0000000001
AI ID:	191153
AI Name:	Vacant Building -2
Facility Type:	Brownfield Site
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93826752
Longitude:	-93.07509635
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191153
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/15/1997
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/10/2000
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	0.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported

VACANT BUILDING (Continued) **S104732134**

Score Year:	Not reported
Activity ID:	SIW19970001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP9260
Facility Adress 2:	Not reported
Core Program Interest ID:	55131638
Link ID:	4822
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	0.5
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	10/15/1997
Last Update Date:	10/11/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported

VACANT BUILDING (Continued) **S104732134**

Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494048.71875
Utm North:	4976062
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP9260
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported

VACANT BUILDING (Continued) **S104732134**

Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	1998-11-05 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	1997-11-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-11-05 00:00:00
Facid:	VP9260
Event:	1
Additional Information:	For Proposed Action of acquistion and finance of the property. Identified Release defined as arsenic in soil and presence of methane gas.
Record Number:	6086

Date Started:	1997-10-15 00:00:00
Date End:	2000-05-10 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP9260
Event:	1
Additional Information:	None
Record Number:	1492

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported

VACANT BUILDING (Continued) **S104732134**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-11-05 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-11-05 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-06-29 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1802
Contact Phone Ext: Not reported
Contact Fax: 651-296-9707
Contact E-mail: jennifer.haas@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-04-15 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3257

Facility ID: VP9261
Item ID: 191153-AREA0000000002
AI ID: 191153
AI Name: Vacant Building -2
Facility Type: Brownfield Site
Hydro: Jennifer Haas (former)
Project Manager: Gerald Stahnke (no longer at MPCA)
Latitude: 44.93826752
Longitude: -93.0750912

VACANT BUILDING (Continued) **S104732134**

Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191153
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/23/1998
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/18/2000
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	0.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP9261
Facility Adress 2:	Not reported
Core Program Interest ID:	336257
Link ID:	4822
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	0.5
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Same site as 9260
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False

VACANT BUILDING (Continued) **S104732134**

Created By:	K. Lukes
Created Date:	01/28/1998
Last Update Date:	10/11/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494048.71875
Utm North:	4976062
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

VACANT BUILDING (Continued) **S104732134**

Impact and Response Actions:

Facid:	VP9261
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	1998-11-05 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1998-01-23 00:00:00
Date End:	2000-08-18 00:00:00
Planned Start Date:	Not reported

VACANT BUILDING (Continued) **S104732134**

Planned End Date: Not reported
Last Update: 1998-01-28 00:00:00
Facid: VP9261
Event: 1
Additional Information: None
Record Number: 3826

Date Started: Not reported
Date End: 1998-01-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1999-03-08 00:00:00
Facid: VP9261
Event: 1
Additional Information: For Proposed Actions of leasing the property, performing improvements, and finance of improvements. Identified Release defined as arsenic in soil and the presence of methane gas.
Record Number: 6091

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-11-05 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-11-05 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-06-29 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA

VACANT BUILDING (Continued) **S104732134**

Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	jennifer.haas@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3257

MN LS:

Link ID:	4822
EPA ID:	Not reported
MPCA ID:	VP9261
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

WIMN:

Status:	Y
Latitude:	44.938267500000002
Longitude:	-93.075091200000003
Item ID:	191153-AISI0000191153
AI ID:	191153
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	191153
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65

VACANT BUILDING (Continued) **S104732134**

USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205db
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	db
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646729
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	VP9260; VP9261
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191153

WIMN:

Legislative District:	65B
Latitude:	44.93826751
Longitude:	-93.07509120
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=172283
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

S119 **METRO DEAF SCHOOL** **RCRA-CESQG 1007103695**
WSW **265 W LAFAYETTE RD S** **MN WIMN MNR000104018**
1/4-1/2 **ST. PAUL, MN 55107**
0.271 mi.
1433 ft. **Site 2 of 2 in cluster S**

Relative:
Higher

Actual:
700 ft.

RCRA-CESQG:

Date form received by agency:	04/16/2001
Facility name:	METRO DEAF SCHOOL
Facility address:	265 W LAFAYETTE RD S ST. PAUL, MN 55107
EPA ID:	MNR000104018

METRO DEAF SCHOOL (Continued) **1007103695**

Contact: NAN MARTIN
Contact address: 265 W LAFAYETTE RD S
ST. PAUL, MN 55107
Contact country: US
Contact telephone: 651-224-3995
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: METRO DEAF SCHOOL
Owner/operator address: 1000 HAMLINE AVE N
ST. PAUL, MN 55104
Owner/operator country: US
Owner/operator telephone: 651-224-3995
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/26/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

METRO DEAF SCHOOL (Continued) **1007103695**

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

WIMN:

Status:	N
Latitude:	44.938109570000002
Longitude:	-93.075214360000004
Item ID:	64064-AISI0000064064
AI ID:	64064
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	64064
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805

METRO DEAF SCHOOL (Continued) **1007103695**

USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	04/26/2001
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	08/15/2012
The Delta Spatial ID:	56454
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNR000104018
MPCA List:	MNR000104018
Program List:	Hazardous Waste
Classification:	Elementary and Secondary Schools
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=64064

WIMN:

Legislative District:	65B
Latitude:	44.930546
Longitude:	-93.08021499
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000104018
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=78858
Coordinate Collection Method:	Zip Code Centroid
Status:	Inactive

R120 **ST PAUL FLIGHT CENTER** **MN WIMN** **S110233332**
South **280 AIRPORT DR** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.274 mi.
1446 ft. **Site 4 of 6 in cluster R**

Relative:
Higher

Actual:
700 ft.

WIMN:

Status:	N
Latitude:	44.939458600000002
Longitude:	-93.069487100000003
Item ID:	41575-AISI0000041575
AI ID:	41575
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	41575

ST PAUL FLIGHT CENTER (Continued) **S110233332**

Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	11/07/2001
The Delta Spatial ID:	45147
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNR000060137
MPCA List:	MNR000060137
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=41575

WIMN:

Legislative District:	65B
Latitude:	44.93940718
Longitude:	-93.06969874
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000060137
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=56696
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

R121
South
1/4-1/2
0.274 mi.
1446 ft.

SAINT PAUL FLIGHT CENTER INC
280 AIRPORT INC
SAINT PAUL, MN 55107

Site 5 of 6 in cluster R

MN WIMN **S120054614**
N/A

Relative:
Higher

Actual:
700 ft.

WIMN:

Status:	N
Latitude:	44.932225289999998
Longitude:	-93.078283040000002
Item ID:	115511-AISI0000115511
AI ID:	115511
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	115511
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Tanks
Program List:	TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	08/29/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	08/29/2006
The Delta Spatial ID:	51376364
Activity:	Underground Tanks
Activity List:	Underground Tanks
MPCA ID:	TS0003830
MPCA List:	TS0003830
Program List:	Tanks
Classification:	Not reported

SAINT PAUL FLIGHT CENTER INC (Continued) **S120054614**

Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=115511

T122 **REMACKEL SALVAGE SITE** **MN SRS S120059880**
NNE **SEE LOCATION DESCRIPTION** **MN WIMN N/A**
1/4-1/2 **SAINT PAUL, MN 55102**
0.280 mi.
1479 ft. **Site 1 of 2 in cluster T**

Relative: **Lower**
Actual: **695 ft.**

SRS:

Facility ID:	MND981952112
Item ID:	194161-AREA0000000001
AI ID:	194161
AI Name:	Remackel Salvage Site
Facility Type:	Site Assessment Site
Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.94411469
Longitude:	-93.06756592
Coord Collection Method:	Digitized-DRG
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194161
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Y
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	Not reported
Act Desc:	Not reported
Status:	Closed

WIMN:

Status:	Y
Latitude:	44.944116360000002
Longitude:	-93.067562179999996
Item ID:	194161-AISI0000194161
AI ID:	194161
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	194161
Subject Item Category Description:	Agency Interest

REMACKEL SALVAGE SITE (Continued) **S120059880**

Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205ad
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	ad
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646234
Activity:	CERCLIS Site
Activity List:	CERCLIS Site
MPCA ID:	MND981952112
MPCA List:	MND981952112
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194161

T123 **REMACKEL SALVAGE SITE** **MN LS** **S102412077**
NNE **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **ST. PAUL, MN 55102**
0.280 mi.
1479 ft. **Site 2 of 2 in cluster T**

Relative: MN LS:
Lower

Link ID:	382
EPA ID:	MND981952112
MPCA ID:	MND981952112
Method:	I1
CERCLIS:	Yes
National Priorities List:	No
PLP:	No

Actual:
695 ft.

REMACKEL SALVAGE SITE (Continued) **S102412077**

Voluntary Cleanup & Investigation:	No
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	CERCLIS

U124 **LAFAYETTE CENTER** **MN VIC** **S121509672**
SW **285 E FLORIDA ST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.281 mi. **MN VAPOR**
1485 ft. **Site 1 of 8 in cluster U** **MN WIMN**

Relative:
Higher

Actual:
711 ft.

VIC:

Facility ID:	BF0000604
Facility Type:	Brownfield Site
Item ID:	221945-AREA0000000001
AI ID:	221945
AI Name:	Lafayette Center
Hydro:	Not reported
Project Manager:	Timothy Lockrem
Latitude:	44.93664397
Longitude:	-93.07507374
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221945
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/02/2018
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

BROWNFIELDS:

Site ID:	BF0000604
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	221945-AREA0000000001
AI ID:	221945
AI Name:	Lafayette Center
Site type:	Brownfield Site
Hydro:	Not reported
Project Manager:	Timothy Lockrem

LAFAYETTE CENTER (Continued) **S121509672**

Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221945
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/02/2018
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.93664397
Longitude:	-93.07507374

SRS:

Facility ID:	BF0000604
Item ID:	221945-AREA0000000001
AI ID:	221945
AI Name:	Lafayette Center
Facility Type:	Brownfield Site
Hydro:	Not reported
Project Manager:	Timothy Lockrem
Latitude:	44.93664397
Longitude:	-93.07507374
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221945
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/02/2018
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	4.72
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20180001
Act Desc:	Brownfield Site
Status:	Active / Existing

LAFAYETTE CENTER (Continued) **S121509672**

VAPOR:

Site ID:	BF0000604
Delta Site ID:	221945
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221945
AI Name:	Lafayette Center
Vapor Concern at Site:	Other sites where vapor exceeded standards
Item ID:	221945-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	Digitized - MPCA internal mapping application
Latitude:	44.93664397
Longitude:	-93.07507374

WIMN:

Status:	Y
Latitude:	44.935816350000003
Longitude:	-93.074695460000001
Item ID:	221945-AISI0000221945
AI ID:	221945
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	221945
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	01/08/2018
Timestamp of Creation:	01/02/2018
User Name of Creator:	RSP
Timestamp of Last Update:	01/08/2018

LAFAYETTE CENTER (Continued) **S121509672**

User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	BF0000604
MPCA List:	BF0000604
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221945

U125 **MINNESOTA LIFE** **MN SPILLS** **S108073822**
SW **285 FLORIDA ST** **MN Financial Assurance** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN TIER 2**
0.281 mi. **MN WIMN**
1485 ft. **Site 2 of 8 in cluster U**

Relative:
Higher

Actual:
711 ft.

SPILLS:

Program ID:	433255
Preferred ID:	69897
Incident ID:	69897
edr_fcity:	ST. PAUL
Incident Date:	6/4/2007
Program:	Emergency Management
Incident Types:	Bypass in Treatment System - Unanticipated
Duty Officer Number:	89322
Lead Investigator:	Jason Moran
Incident Status:	Closed or Completed
Closure Type:	Response/Action Completed
AI ID source:	Not reported
Source name:	City of St. Paul - Public Works
Source Address:	891 North Dale Street
Source City:	St. Paul
Source State:	MN
Source ZIP:	55103
Substance:	Sewage
Quantity:	Not reported
Units:	small amounts
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	433255
Facility Address 2:	Not reported
Spill Date:	06/04/2007

SPILLS:

Program ID:	433255
Spill Inc Affected ID:	190891
Spill Inc Affected Code:	6
Tmsp Added:	06/05/2007 08:47:45
Tmsp Last Updated:	06/05/2007 08:47:45
Staff ID Last Update:	JMORAN

SPILLS:

Program ID:	433255

MINNESOTA LIFE (Continued) **S108073822**

Spill Incident Accuracy ID: 190891
Spill Product Code: 38
Spill Qty Units: 17
Spill Incident Accuracy: 1
Spill Released Qty: Not reported
Tmsp Added: 06/05/2007 08:47:45
Tmsp Last Update: 06/05/2007 08:47:45
Staff ID Last Update: JMORAN

MN Financial Assurance 1:
PROGRAM ID: 210053
Township Name: Not reported
Region: 1
Interest Type: Deleted Tank Site
ADDR ID: 208516
Interest Telephone: 6516654605
Preferred ID: 52879
Interest Start Date: 04/01/1993
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 04/01/1993
TMSP Last Update: 09/14/2006 08:50:48
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 210053
Township Name: White Bear
Region: 1
Interest Type: Tank site
ADDR ID: 1842
Interest Telephone: NO CORE PI PH.
Preferred ID: 52879
Interest Start Date: 04/01/1993
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 09/14/2006
TMSP Last Update: 01/20/2009 16:02:15
Staff ID Last Update: MKIMLIN
Source: CORE
Source ID: 229614
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 433255
Township Name: Not reported
Region: 1
Interest Type: Spill site

MINNESOTA LIFE (Continued) **S108073822**

ADDR ID:	548028
Interest Telephone:	Not reported
Preferred ID:	69897
Interest Start Date:	06/05/2007
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	06/05/2007
TMSP Last Update:	06/05/2007 08:47:45
Staff ID Last Update:	JMORAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Blockage in line caused overflow. The line has been opened and is running smooth now.

Latitude Longitude:

Program Id:	210053
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	03/24/2011 15:59:29
TMSP Last Update:	03/24/2011 15:59:29
Staff ID Last Update:	BPALMQU
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	229614
Spatial ID:	51433203

Program Id:	210053
Lat/Long ID:	166900
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	12.17
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	29.71
Collection Date:	04/23/2015 10:15:03
Lat/Long Description:	Not reported
TMSP Added:	03/29/2010 18:45:16
TMSP Last Update:	04/23/2015 10:15:04
Staff ID Last Update:	MAPTOOL
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	DM

MINNESOTA LIFE (Continued) **S108073822**

Map Scale Code: Not reported
Source: CORE
Site ID: 229614
Spatial ID: 51433203

Tab Site:
Program Id: 210053
Facility Code: 4
Above or Under Code: 1
Indian Reservation: N
Ust Registration Date: Not reported
Ast Registration Date: 03/22/1991 00:00:00
TMSP Added: 04/01/1993 00:00:00
TMSP Last Update: 05/23/2003 09:21:04
Staff ID Last Update: SYS
Max Monthy Gallons: Not reported
Vapor Recovery Installed: U
Vapor Notif Required: U

TIER 2:
Year: 2005
Facility Status: ACTIVE
Facility Phone: 651.665.5335
Facility Email: karl.brueske@securian.com
Facility Web: Not reported
Facility MNCP: Not reported
SIC Code: 9999
NAICS: Not reported
Dunn Brad Num: Not reported
Owner Name: Securian Financial Services
Owner Phone: 651.665.5335
Owner Address: 400 Robert Street North
Owner City: St Paul
Owner State: MN
Owner Zip: 55101-2098
Mailing Name: Securian’s Lafayette Center
Mailing Street: 400 N ROBERT ST M.S. 1-5335
Mailing PO BOX: Not reported
Mailing City/State/Zip: St. Paul, MN 55101-2098
Mailing Attn: KARL BRUESKE
Contact Type: Not reported
Time Created: Not reported
Signed By: Karl Brueske
Title: Manager of Security
Signed Date: 2006-01-31
Attach Site Plan: No
Attach Coord Abbr: Yes
Attach Safeguard Info: No
Attach ERP: No
Hardcopy Attachments: No
Extension Site Plan: Not reported
Extension Coord Abbr: Not reported
Extension Safeguard Info: Not reported
Extension ERP: Not reported
Last Updated ERP: Not reported

MINNESOTA LIFE (Continued) **S108073822**

Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	2006-01-31
FIPS County:	27062
Latitude/Longitude:	44.9359970092773/93.0741348266602
User Name:	Securian
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700320
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Facility Id:	9601
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported

MINNESOTA LIFE (Continued) **S108073822**

Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9601
CAS Number:	68476-34-6
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Above ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported

MINNESOTA LIFE (Continued) **S108073822**

Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Contact:

Contact ID:	19202
Contact Type:	T2EC
Contact Name:	Karl Brues
Contact Title:	Manager of
Sort Order:	1

Contact:

Contact ID:	19203
Contact Type:	T2EC
Contact Name:	Not reported
Contact Title:	Not reported
Sort Order:	2

Device:

Contact Device ID:	19203
Device Type:	Phone
Device Name:	Phone
Device Value:	5077652491
Contact ID:	6401

WIMN:

Status:	Y
Latitude:	44.936715
Longitude:	-93.074920899999995
Item ID:	110579-AISI0000110579
AI ID:	110579
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	110579
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Tanks
Program List:	TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805

MINNESOTA LIFE (Continued) **S108073822**

USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	09/14/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	09/27/2015
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	51433202
Activity:	Aboveground Tanks
Activity List:	Aboveground Tanks
MPCA ID:	TS0052879
MPCA List:	TS0052879
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=110579

WIMN:

Legislative District:	65B
Latitude:	44.93671507
Longitude:	-93.07492091
Activity:	Tank Site
MPCA ID:	52879
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=229614
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

Status:	Y
Latitude:	44.936718999999997
Longitude:	-93.074932000000004
Item ID:	2238-AISI0000002238
AI ID:	2238
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	2238
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	AQ; HW
City, Township or Unorganized code:	239651

MINNESOTA LIFE (Continued) **S108073822**

City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	09/27/2015
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	1983
Activity:	Multiple Activities
Activity List:	Air Quality; Hazardous Waste
MPCA ID:	Multiple IDs
MPCA List:	12300460; MND980679815
Program List:	Air Quality; Hazardous Waste
Classification:	Direct Life Insurance Carriers
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2238

WIMN:

Legislative District:	65B
Latitude:	44.93671507
Longitude:	-93.07492091
Activity:	Tank Site
MPCA ID:	52879
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=229614
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

R126 **REGENT EQUIPMENT MAINTENANCE** **RCRA-CESQG** **1004726857**
South **290 AIRPORT DR** **MN WIMN** **MN0000374603**
1/4-1/2 **ST. PAUL, MN 55107**
0.287 mi.
1517 ft. **Site 6 of 6 in cluster R**

Relative:
Higher

Actual:
700 ft.

RCRA-CESQG:

Date form received by agency:	03/21/2002
Facility name:	REGENT EQUIPMENT MAINTENANCE
Facility address:	290 AIRPORT DR ST. PAUL, MN 55107-1006
EPA ID:	MN0000374603
Mailing address:	515 EATON ST ST. PAUL, MN 55107
Contact:	EMMET O'BRIEN
Contact address:	515 EATON ST ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-224-1100
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	REGENT AVIATION
Owner/operator address:	515 EATON ST ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	651-224-1100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/26/1999
Owner/Op end date:	Not reported

Owner/operator name:	AIR REGENT INVESTORS INC
Owner/operator address:	515 EATON ST ST PAUL, MN 55107
Owner/operator country:	Not reported
Owner/operator telephone:	612-224-1100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

REGENT EQUIPMENT MAINTENANCE (Continued) **1004726857**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: X001
. Waste name: WASTE OILS

Historical Generators:
Date form received by agency: 03/21/2002
Site name: REGENT EQUIPMENT MAINTENANCE
Classification: Conditionally Exempt Small Quantity Generator

REGENT EQUIPMENT MAINTENANCE (Continued) **1004726857**

Violation Status: No violations found

WIMN:

Status:	N
Latitude:	44.939127800000001
Longitude:	-93.069551700000005
Item ID:	30913-AISI0000030913
AI ID:	30913
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	30913
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	10/29/2007
The Delta Spatial ID:	22833
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MN0000374603
MPCA List:	MN0000374603
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30913

WIMN:

REGENT EQUIPMENT MAINTENANCE (Continued) **1004726857**

Legislative District:	65B
Latitude:	44.93907792
Longitude:	-93.06969874
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MN0000374603
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30547
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

V127 **RIVERVIEW INDUSTRIAL N-1** **MN BROWNFIELDS S119124617**
North **SEE LOCATION DESCRIPTION** **MN WIMN N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.291 mi.
1534 ft. **Site 1 of 4 in cluster V**

Relative:
Lower

Actual:
695 ft.

BROWNFIELDS:

Site ID:	VP7540
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	188659-AREA0000000001
AI ID:	188659
AI Name:	Riverview Industrial N-1
Site type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Not reported
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188659
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/21/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	09/04/1999
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.9443779
Longitude:	-93.06891632

WIMN:

Status:	Y
Latitude:	44.944379429999998
Longitude:	-93.06891426
Item ID:	188659-AISI0000188659
AI ID:	188659
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI

RIVERVIEW INDUSTRIAL N-1 (Continued) **S119124617**

Subject Item ID:	188659
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205ad
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	ad
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646479
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP7540
MPCA List:	VP7540
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188659

V128 **PORT AUTHORITY ASH SITE** **MN SRS** **S119123513**
North **SEE LOCATION DESCRIPTION** **MN VAPOR** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN WIMN**
0.293 mi.
1548 ft. **Site 2 of 4 in cluster V**

Relative: SRS:
Lower

Facility ID:	SA0008349
Item ID:	196424-AREA0000000001
AI ID:	196424
AI Name:	Port Authority Ash Site
Facility Type:	Site Assessment Site

Actual:
696 ft.

PORT AUTHORITY ASH SITE (Continued) **S119123513**

Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.94310958
Longitude:	-93.06813749
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196424
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/01/1987
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/19/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Y
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Site Assessment Investigation
Status:	Closed

VAPOR:

Site ID:	SA0008349
Delta Site ID:	196424
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196424
AI Name:	Port Authority Ash Site
Vapor Concern at Site:	Other sites that have had vapor concerns
Item ID:	196424-AREA0000000001
Site Type:	Site Assessment Site
Method Desc:	Public Land Survey-Two Quarter
Latitude:	44.94310958
Longitude:	-93.06813749

WIMN:

Status:	Y
Latitude:	44.944410480000002
Longitude:	-93.069662159999993
Item ID:	196424-AISI0000196424
AI ID:	196424
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	196424
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site

PORT AUTHORITY ASH SITE (Continued) **S119123513**

Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205ad
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	ad
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/26/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50647945
Activity:	Site Assessment
Activity List:	Site Assessment
MPCA ID:	SA0008349
MPCA List:	SA0008349
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196424

V129 **PORT AUTHORITY ASH SITE** **MN LS** **S100713182**
North **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.293 mi.
1549 ft. **Site 3 of 4 in cluster V**

Relative: **Lower**
Actual: **696 ft.**

MN LS:

Link ID:	834
EPA ID:	Not reported
MPCA ID:	Not reported
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	No

PORT AUTHORITY ASH SITE (Continued) **S100713182**

RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	Yes
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	UNPERMDUMP

V130 **RIVERVIEW INDUSTRIAL N-1** **MN LS** **S102659073**
North **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.296 mi.
1564 ft. **Site 4 of 4 in cluster V**

Relative: **Lower**
Actual: **695 ft.**

MN LS:

Link ID:	4402
EPA ID:	Not reported
MPCA ID:	VP7540
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

U131 **RIVERVIEW IND'L. PARK #11 (PARCEL E-3)** **MN INST CONTROL** **S120060001**
SW **SEE LOCATION DESCRIPTION** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55101**
0.297 mi.
1566 ft. **Site 3 of 8 in cluster U**

Relative: **Higher**
Actual: **713 ft.**

INST CONTROL:

Site ID:	200693
Latitude:	44.93518041
Longitude:	-93.07441429
Owner Name:	JB Realty
Program Name:	Investigation and Cleanup
Active:	N
Activity Type Name:	Brownfields
Activity Sub Type Name:	Voluntary Investigation and Cleanup
Industrial Classification:	Not reported
Activity ID:	VP12630
Activity Name:	Riverview Ind'l. Park #11 (Parcel E-3)
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized-DRG

RIVERVIEW IND'L. PARK #11 (PARCEL E-3) (Continued) **S120060001**

Institutional Control: Y
District: 4

WIMN:

Status:	Y
Latitude:	44.935180410000001
Longitude:	-93.074414290000007
Item ID:	200693-AISI0000200693
AI ID:	200693
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	200693
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822208a
PLS Township:	28
Range:	22
Range Direction:	W
Section:	8
Quarters:	a
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50647033
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP12630
MPCA List:	VP12630
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=200693

U132 **RIVERVIEW IND'L. PARK #11 (PARCEL E-3)** **MN LS** **S108975327**
SW **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **ST. PAUL, MN 55101**
0.297 mi.
1566 ft. **Site 4 of 8 in cluster U**

Relative:
Higher

Actual:
713 ft.

MN LS:

Link ID:	5230
EPA ID:	Not reported
MPCA ID:	VP12630
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

U133 **RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3** **MN VIC** **S119123802**
SW **SEE LOCATION DESCRIPTION** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55101**
0.297 mi.
1566 ft. **Site 5 of 8 in cluster U**

Relative:
Higher

Actual:
713 ft.

VIC:

Facility ID:	VP12630
Facility Type:	Brownfield Site
Item ID:	200693-AREA0000000001
AI ID:	200693
AI Name:	Riverview Ind'l. Park #11 (Parcel E-3)
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Latitude:	44.93518066
Longitude:	-93.07441711
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=200693
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/09/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	07/09/2012
Owner:	JB Realty
Owner Address:	313 Spruce Tree Centre 1600 University Avenue West
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55104

Prior Aug 2016:

Facility ID:	VP12630

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Facility Address 2:	Not reported
Core Program Interest ID:	336655
Link ID:	5230
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8.5
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Triangular parcel at the corner of where Eaton Street meets Lafayette Road
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Comprises all of Lot 5, Block 3; it may also include parcel E-1 - check with Melanie Isakson
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	03/09/2000
Last Update Date:	08/07/2013
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494128.40625
Utm North:	4975752.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP12630
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-03-03 00:00:00
Inst Control Info Updated:	2016-03-03 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	2004-03-31 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-13 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Probes and test pits, reported in April 14, 2004 report
Record Number:	18414

Date Started:	Not reported
Date End:	2003-09-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-26 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Huntington/Twin Cities Testing, date is date of TCT report
Record Number:	18468

Date Started:	Not reported
Date End:	1999-02-10 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-26 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Braun Intertec, ESA report date provided
Record Number:	18469

Date Started:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Date End:	2004-04-28 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-28 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Approval of Response Action Plan w/ modifications, dated April 19, 2004
Record Number:	18477

Date Started:	Not reported
Date End:	2004-10-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-11-03 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Email in response to 10/22/04 Response Action Addendum
Record Number:	22475

Date Started:	Not reported
Date End:	2004-10-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-11-18 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	email approval of work plan for additional assessment, 10/4/04, AMEC
Record Number:	22547

Date Started:	Not reported
Date End:	2004-11-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-11-30 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Site meeting - w/ construction meeting
Record Number:	22626

Date Started:	2012-03-27 00:00:00
Date End:	2012-04-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-08-08 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	No disturbance or alteration of any nature whatsover, except for maintenance and repair of landscaping and all engineering controls
Record Number:	25682

Date Started:	Not reported
Date End:	2005-03-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-11-07 00:00:00
Facid:	VP12630

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Event: 1
Additional Information: Approval of Methane Monitoring and Contingency Plan (i.e.RAP Supplement) dated March 10, 2005
Record Number: 26105

Date Started: Not reported
Date End: 2009-05-13 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2009-05-13 00:00:00
Facid: VP12630
Event: 1
Additional Information: Review of Monitoring, Communication Plan submittals
Record Number: 30194

Date Started: Not reported
Date End: 2009-07-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2009-07-23 00:00:00
Facid: VP12630
Event: 1
Additional Information: Request for a meeting to discuss why Deed Restriction has not been placed
Record Number: 30392

Date Started: Not reported
Date End: 2012-07-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2012-07-05 00:00:00
Facid: VP12630
Event: 1
Additional Information: #797428
Record Number: 34025

Date Started: Not reported
Date End: 2012-07-09 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2012-07-09 00:00:00
Facid: VP12630
Event: 1
Additional Information: http://S-SP34/AppNet/docpop/docpop.aspx?clienttype=html&docid=798725
Record Number: 34045

Date Started: 2000-03-09 00:00:00
Date End: 2012-07-09 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-03-09 00:00:00
Facid: VP12630
Event: 1
Additional Information: None Entered
Record Number: 8286

Date Started: Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Date End:	2001-03-23 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-26 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Review of Phase I and Phase I/II Reports and cataloguing of the identified release
Record Number:	10749

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2005-07-21 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	St. Paul Port Authority

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Contact Address:	345 Saint Peter St Ste 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	240
Contact Fax:	Not reported
Contact E-mail:	sbh@sppa.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	American Engineering Testing
Contact Address:	550 Cleveland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	345 St. Peter Street, Suite 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	6512235198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Peer Engineering, Inc.
Contact Address:	7615 Golden Triangle Dr Ste N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-02-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Peer Engineering, Inc.
Contact Address:	4801 West 81st Street
Contact Address 2:	Suite 118
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9528313341
Contact Phone Ext:	Not reported
Contact Fax:	9528314552
Contact E-mail:	jellerd@peerengineering.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-02-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Bolander
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-02-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Dew Corporation
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517774900
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	rdew@dewcorporation.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-02-16 00:00:00
Misc Contact Info:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	JB Realty
Contact Address:	313 Spruce Tree Centre
Contact Address 2:	1600 University Avenue West
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512943505
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jkvang@jbrealtyco.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-05-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-02-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

SRS:

Facility ID:	VP12630
Item ID:	200693-AREA0000000001
AI ID:	200693
AI Name:	Riverview Ind'l. Park #11 (Parcel E-3)
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Latitude:	44.93518066
Longitude:	-93.07441711
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=200693
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/09/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Site Deleted from NPL:	Not reported
Site Closed:	07/09/2012
Owner:	JB Realty
Owner Address:	313 Spruce Tree Centre 1600 University Avenue West
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55104
Acreage:	8.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Y
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20000001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP12630
Facility Adress 2:	Not reported
Core Program Interest ID:	336655
Link ID:	5230
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8.5
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Triangular parcel at the corner of where Eaton Street meets Lafayette Road
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Comprises all of Lot 5, Block 3; it may also include parcel E-1 - check with Melanie Isakson
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	03/09/2000
Last Update Date:	08/07/2013
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494128.40625
Utm North:	4975752.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP12630
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-03-03 00:00:00
Inst Control Info Updated:	2016-03-03 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	2004-03-31 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-13 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Probes and test pits, reported in April 14, 2004 report
Record Number:	18414

Date Started:	Not reported
Date End:	2003-09-07 00:00:00

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-26 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Huntington/Twin Cities Testing, date is date of TCT report
Record Number:	18468

Date Started:	Not reported
Date End:	1999-02-10 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-26 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Braun Intertec, ESA report date provided
Record Number:	18469

Date Started:	Not reported
Date End:	2004-04-28 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-04-28 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Approval of Response Action Plan w/ modifications, dated April 19, 2004
Record Number:	18477

Date Started:	Not reported
Date End:	2004-10-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-11-03 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Email in response to 10/22/04 Response Action Addendum
Record Number:	22475

Date Started:	Not reported
Date End:	2004-10-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-11-18 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	email approval of work plan for additional assessment, 10/4/04, AMEC
Record Number:	22547

Date Started:	Not reported
Date End:	2004-11-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-11-30 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Site meeting - w/ construction meeting

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Record Number:	22626
Date Started:	2012-03-27 00:00:00
Date End:	2012-04-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-08-08 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	No disturbance or alteration of any nature whatsover, except for maintenance and repair of landscaping and all engineering controls
Record Number:	25682
Date Started:	Not reported
Date End:	2005-03-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-11-07 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Approval of Methane Monitoring and Contingency Plan (i.e.RAP Supplement) dated March 10, 2005
Record Number:	26105
Date Started:	Not reported
Date End:	2009-05-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-05-13 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Review of Monitoring, Communication Plan submittals
Record Number:	30194
Date Started:	Not reported
Date End:	2009-07-21 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-23 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Request for a meeting to discuss why Deed Restriction has not been placed
Record Number:	30392
Date Started:	Not reported
Date End:	2012-07-05 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2012-07-05 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	#797428
Record Number:	34025
Date Started:	Not reported
Date End:	2012-07-09 00:00:00

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2012-07-09 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	http://S-SP34/AppNet/docpop/docpop.aspx?clienttype=html&docid=798725
Record Number:	34045
Date Started:	2000-03-09 00:00:00
Date End:	2012-07-09 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-09 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	None Entered
Record Number:	8286
Date Started:	Not reported
Date End:	2001-03-23 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-26 00:00:00
Facid:	VP12630
Event:	1
Additional Information:	Review of Phase I and Phase I/II Reports and cataloguing of the identified release
Record Number:	10749

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2005-07-21 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	345 Saint Peter St Ste 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	240
Contact Fax:	Not reported
Contact E-mail:	sbh@sppa.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	American Engineering Testing
Contact Address:	550 Cleveland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	345 St. Peter Street, Suite 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	6512235198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Peer Engineering, Inc.
Contact Address:	7615 Golden Triangle Dr Ste N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-02-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Peer Engineering, Inc.
Contact Address:	4801 West 81st Street
Contact Address 2:	Suite 118
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9528313341
Contact Phone Ext:	Not reported
Contact Fax:	9528314552
Contact E-mail:	jellerd@peerengineering.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-02-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Bolander
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Contact Information Last Updated:	2005-02-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Dew Corporation
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517774900
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	rdew@dewcorporation.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-02-16 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	JB Realty
Contact Address:	313 Spruce Tree Centre
Contact Address 2:	1600 University Avenue West
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512943505
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jkvang@jbrealtyco.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-05-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-02-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

U134 **RIVERVIEW INDUSTRIAL PARK - LOTS C4 & C5** **MN BROWNFIELDS** **S120059727**
SW **SEE LOCATION DESCRIPTION** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.297 mi.
1566 ft. **Site 6 of 8 in cluster U**

Relative:
Higher

Actual:
713 ft.

BROWNFIELDS:

Site ID:	VP12630
Leak Num:	Not reported
Owner Name:	JB Realty
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	200693-AREA0000000001
AI ID:	200693
AI Name:	Riverview Ind'l. Park #11 (Parcel E-3)
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=200693
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/09/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	07/09/2012
Owner Address:	313 Spruce Tree Centre 1600 University Avenue West
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55104
Latitude:	44.93518066
Longitude:	-93.07441711

Site ID:	VP12320
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	189296-AREA0000000001
AI ID:	189296
AI Name:	Riverview Industrial Park - Lots C4 & C5
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/21/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported

RIVERVIEW INDUSTRIAL PARK - LOTS C4 & C5 (Continued) **S120059727**

Site Closed:	01/18/2001
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93294144
Longitude:	-93.07078552
Site ID:	VP12321
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	189296-AREA0000000002
AI ID:	189296
AI Name:	Riverview Industrial Park - Lots C4 & C5
Site type:	Brownfield Site
Hydro:	Jennifer Haas
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	08/22/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93294144
Longitude:	-93.07078552
Site ID:	VP13770
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	188379-AREA0000000001
AI ID:	188379
AI Name:	Riverview Industrial Park #11
Site type:	Brownfield Site
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188379
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/17/2000
Site Listed on PLP:	Not reported

RIVERVIEW INDUSTRIAL PARK - LOTS C4 & C5 (Continued) **S120059727**

Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/2002
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93468475
Longitude:	-93.07437897

WIMN:

Status:	Y
Latitude:	44.932941210000003
Longitude:	-93.070788870000001
Item ID:	189296-AISI0000189296
AI ID:	189296
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	189296
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205a
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	a
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported

RIVERVIEW INDUSTRIAL PARK - LOTS C4 & C5 (Continued) **S120059727**

The Delta Spatial ID:	50647000
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	VP12320; VP12321
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296

135
NNE
1/4-1/2
0.299 mi.
1578 ft.

Relative:
Lower

Actual:
694 ft.

FORMER PIONEER PRESS PRINTING FACILITY **MN LUST S113401326**
1 RIDDER CIR **MN LAST N/A**
SAINT PAUL, MN 55107 **MN VIC**
MN BROWNFIELDS
MN SRS
MN ENF
MN WIMN
MN NPDES

LUST:

Item ID:	111852-AREA0000000003
MNPCA ID:	Not reported
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Roberta Wirth-Feeney (former)
Latitude:	44.94402467
Longitude:	-93.06507336
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	11/21/2014
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Digital First Media
Site Closed:	12/11/2015
Owner Address:	5 Hanover Sq 25th Floor
Owner City:	New York
Owner State:	NY
Owner ZIP:	10005
SI Type:	Underground Storage Tank System
Leak Reported:	12/31/2014

LAST:

Item ID:	111852-AREA0000000003
AI ID:	111852
MN PCA ID:	Not reported
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Roberta Wirth-Feeney (former)
Latitude:	44.94402467
Longitude:	-93.06507336
Corrd Collection Method:	Digitized - MPCA internal mapping application

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	11/21/2014
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/11/2015
Owner:	Digital First Media
Owner Address:	5 Hanover Sq 25th Floor
Owner City:	New York
Owner State:	NY
Owner ZIP:	10005
SI Type:	Aboveground Storage Tank
Leak Reported:	12/31/2014

VIC:

Facility ID:	VP32220
Facility Type:	Brownfield Site
Item ID:	111852-AREA0000000001
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Hydro:	Shanna Schmitt (former)
Project Manager:	Gary Krueger (former)
Latitude:	44.94442594
Longitude:	-93.07136098
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/12/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/15/2015
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

Prior Aug 2016:

Facility ID:	VP32220
Facility Address 2:	Not reported
Core Program Interest ID:	72135367
Link ID:	7876
Site Type:	Printing
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8.7200003
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	PIN: 05.28.22.14.0001
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	07/02/2015
Last Update Date:	02/10/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	494804.06800000003
Utm North:	4976727.8140000002
Utm Zone:	Not reported
Basin Code:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP32220
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-05-22 00:00:00
Inst Control Info Updated:	2015-05-22 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2015-01-12 00:00:00
Date End:	2015-02-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-07-08 00:00:00
Facid:	VP32220
Event:	1
Additional Information:	Withdrawn from VIC
Record Number:	41019

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2015-04-16 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2015-04-16 00:00:00

Contacts:

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Staff Id Num:	0
Contact Type:	1
Company Name:	R & K IV, LLC
Contact Address:	700 Berkshire Ln N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	7635468395
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jkasdan@loghousefoods.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Digital First Media
Contact Address:	5 Hanover Sq
Contact Address 2:	25th Floor
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512966139
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gary.krueger@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3317
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572697
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	shanna.schmitt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	7773

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	R & K IV, LLC
Contact Address:	700 Berkshire Ln N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	7635468395
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jkasdan@loghousefoods.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Digital First Media
Contact Address:	5 Hanover Sq
Contact Address 2:	25th Floor
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512966139
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gary.krueger@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3317
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572697
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	shanna.schmitt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	7773

Facility ID:	VP32221
Facility Type:	Brownfield Site
Item ID:	111852-AREA0000000002
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Hydro:	Christopher Formby (former)
Project Manager:	Christopher Formby (former)
Latitude:	44.94443398
Longitude:	-93.07136877
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/02/2015

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/22/2016
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

Prior Aug 2016:

Facility ID:	VP32221
Facility Address 2:	Not reported
Core Program Interest ID:	74881825
Link ID:	7876
Site Type:	Printing
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8.7200003
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	PIN: 05.28.22.14.0001
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	07/02/2015
Last Update Date:	01/28/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	494804.06800000003
Utm North:	4976727.8140000002
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP32221
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	0
# People Impct SW intake contam:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-07-16 00:00:00
Inst Control Info Updated:	2015-07-16 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2015-07-02 00:00:00
Date End:	2016-01-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-07-08 00:00:00
Facid:	VP32221
Event:	1
Additional Information:	None Entered
Record Number:	41020
Date Started:	Not reported
Date End:	2015-08-11 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-08-21 00:00:00
Facid:	VP32221
Event:	1
Additional Information:	None Entered
Record Number:	41133
Date Started:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Date End: 2015-08-13 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-08-21 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41134

Date Started: Not reported
Date End: 2014-12-10 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-10-12 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41285

Date Started: Not reported
Date End: 2014-12-10 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-10-12 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41286

Date Started: Not reported
Date End: 2016-01-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2016-01-28 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41804

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2015-04-16 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2015-04-16 00:00:00

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Contacts:

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Digital First Media
Contact Address:	5 Hanover Sq
Contact Address 2:	25th Floor
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572712
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	christopher.formby@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-07-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15747

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572712
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	christopher.formby@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-07-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15747

BROWNFIELDS:

Site ID:	VP32220
Leak Num:	Not reported
Owner Name:	St Paul Pioneer Press-Digital First Media
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	111852-AREA0000000001
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Site type:	Brownfield Site
Hydro:	Shanna Schmitt (former)
Project Manager:	Gary Krueger (former)
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/12/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/15/2015
Owner Address:	1 Ridder Cir
Owner City:	Saint Paul
Owner State:	MN

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Owner ZIP:	55107
Latitude:	44.94442594
Longitude:	-93.07136098
Site ID:	VP32221
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	111852-AREA0000000002
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Site type:	Brownfield Site
Hydro:	Christopher Formby (former)
Project Manager:	Christopher Formby (former)
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/02/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/22/2016
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.94443398
Longitude:	-93.07136877
Site ID:	PB4847
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	111852-AREA0000000004
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Site type:	Brownfield Site
Hydro:	Mike Connolly (former)
Project Manager:	Mark Koplitz (former)
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/12/2016

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.94443398
Longitude:	-93.07136877

SRS:

Facility ID:	VP32220
Item ID:	111852-AREA0000000001
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Facility Type:	Brownfield Site
Hydro:	Shanna Schmitt (former)
Project Manager:	Gary Krueger (former)
Latitude:	44.94442594
Longitude:	-93.07136098
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/12/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/15/2015
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	8.72
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150002
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP32220
Facility Adress 2:	Not reported
Core Program Interest ID:	72135367
Link ID:	7876
Site Type:	Printing
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8.7200003
Score:	Not reported
Enforcement Lead Agency:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	PIN: 05.28.22.14.0001
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	07/02/2015
Last Update Date:	02/10/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	494804.06800000003
Utm North:	4976727.8140000002
Utm Zone:	Not reported
Basin Code:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP32220
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-05-22 00:00:00
Inst Control Info Updated:	2015-05-22 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2015-01-12 00:00:00
Date End:	2015-02-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-07-08 00:00:00
Facid:	VP32220
Event:	1
Additional Information:	Withdrawn from VIC
Record Number:	41019

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2015-04-16 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2015-04-16 00:00:00

Contacts:

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Staff Id Num:	0
Contact Type:	1
Company Name:	R & K IV, LLC
Contact Address:	700 Berkshire Ln N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	7635468395
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jkasdan@loghousefoods.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Digital First Media
Contact Address:	5 Hanover Sq
Contact Address 2:	25th Floor
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512966139
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gary.krueger@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3317
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572697
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	shanna.schmitt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	7773

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	R & K IV, LLC
Contact Address:	700 Berkshire Ln N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	7635468395
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jkasdan@loghousefoods.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Digital First Media
Contact Address:	5 Hanover Sq
Contact Address 2:	25th Floor
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512966139
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gary.krueger@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3317
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572697
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	shanna.schmitt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-14 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	7773

Facility ID:	VP32221
Item ID:	111852-AREA0000000002
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Facility Type:	Brownfield Site
Hydro:	Christopher Formby (former)
Project Manager:	Christopher Formby (former)
Latitude:	44.94443398
Longitude:	-93.07136877
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/02/2015

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/22/2016
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	8.72
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150003
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP32221
Facility Adress 2:	Not reported
Core Program Interest ID:	74881825
Link ID:	7876
Site Type:	Printing
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8.7200003
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	PIN: 05.28.22.14.0001
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	07/02/2015
Last Update Date:	01/28/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	494804.06800000003
Utm North:	4976727.8140000002
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

Impact and Response Actions:

Facid:	VP32221
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	0
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-07-16 00:00:00
Inst Control Info Updated:	2015-07-16 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2015-07-02 00:00:00
Date End:	2016-01-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-07-08 00:00:00
Facid:	VP32221
Event:	1
Additional Information:	None Entered
Record Number:	41020

Date Started:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Date End: 2015-08-11 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-08-21 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41133

Date Started: Not reported
Date End: 2015-08-13 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-08-21 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41134

Date Started: Not reported
Date End: 2014-12-10 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-10-12 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41285

Date Started: Not reported
Date End: 2014-12-10 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2015-10-12 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41286

Date Started: Not reported
Date End: 2016-01-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2016-01-28 00:00:00
Facid: VP32221
Event: 1
Additional Information: None Entered
Record Number: 41804

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2015-04-16 00:00:00

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2015-04-16 00:00:00

Contacts:

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Digital First Media
Contact Address:	5 Hanover Sq
Contact Address 2:	25th Floor
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Braun Intertec
Contact Address:	11001 Hampshire Ave S
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9529952454
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	jwolff@braunintertec.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-13 00:00:00
Misc Contact Info:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572712
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	christopher.formby@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-07-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15747
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572712
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	christopher.formby@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-07-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15747

Facility ID:	LS0019707
Item ID:	111852-AREA0000000003
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Roberta Wirth-Feeney (former)
Latitude:	44.94402467
Longitude:	-93.06507336
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	11/21/2014
Leak Reported:	12/31/2014
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Site Closed:	12/11/2015
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20140001
Act Desc:	Leak Site Investigation
Status:	Closed

Facility ID:	PB4847
Item ID:	111852-AREA0000000004
AI ID:	111852
AI Name:	Former Saint Paul city of city of Pioneer Press Production Plant
Facility Type:	Brownfield Site
Hydro:	Mike Connolly (former)
Project Manager:	Mark Koplitz (former)
Latitude:	44.94443398
Longitude:	-93.07136877
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/12/2016
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	8.72
BPET:	Y
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150001
Act Desc:	Brownfield Site
Status:	Closed

MN Enforcement Log :

Facility ID:	MN0054577

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	11/12/2013
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	41577
Activity ID:	NON20130001
Public Flag:	Y
Latitude:	44.94435121
Longitude:	-93.06763353
Coord Collect Meth Desc:	Digitized - MPCA internal mapping application
Mailing Address1:	PO Box 430
Mailing City Name:	Stacy
Mailing State Code:	MN
Mailing Zip Code:	55079-0430
Responsible Party:	Saint Paul Pioneer Press (St. Paul, MN)
Zero Date:	03/05/2013
Case Closed:	12/11/2013
Case Lead:	Chandi McCracken-Holm
Attorney Assigned:	Carmen Netten
Lead Program:	Wastewater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	12300409
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	09/16/2004
Enforcement Type:	APO - Forgivable
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	2258
Activity ID:	PEN20150001
Public Flag:	Y
Latitude:	44.9439843
Longitude:	-93.0656936

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Coord Collect Meth Desc:	Digitized - MPCA internal mapping application
Mailing Address1:	345 Cedar St
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55101
Responsible Party:	Not reported
Zero Date:	05/01/2004
Case Closed:	11/9/2004
Case Lead:	Suzanne Baumann
Attorney Assigned:	Stephanie Morgan
Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	12300409
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	08/21/2007
Enforcement Type:	APO - Nonforgivable
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	2258
Activity ID:	PEN20150002
Public Flag:	Y
Latitude:	44.9439843
Longitude:	-93.0656936
Coord Collect Meth Desc:	Digitized - MPCA internal mapping application
Mailing Address1:	345 Cedar St
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55101
Responsible Party:	Not reported
Zero Date:	04/13/2007
Case Closed:	10/12/2007
Case Lead:	Christian Norman
Attorney Assigned:	Leah Hedman
Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	750
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	750

WIMN:

Status:	Y
Latitude:	44.943984299999997
Longitude:	-93.065693600000003
Item ID:	2258-AISI0000002258
AI ID:	2258
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	2258
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Air Quality
Program List:	AQ
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	01/13/2015
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/04/2017
User Name of Last Update:	SYSTEM
Status Date:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

The Delta Spatial ID:	2827
Activity:	Air Quality
Activity List:	Air Quality
MPCA ID:	12300409
MPCA List:	12300409
Program List:	Air Quality
Classification:	Newspaper Publishers
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2258

WIMN:

Legislative District:	65B
Latitude:	44.94400386
Longitude:	-93.06569362
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=56698
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

Legislative District:	65B
Latitude:	44.94399408
Longitude:	-93.06570736
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=216539
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

Status:	Y
Latitude:	44.944351210000001
Longitude:	-93.067633529999995
Item ID:	41577-AISI0000041577
AI ID:	41577
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	41577
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; WW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Location Description:	Not reported
Township, Range, Direction, Section QQ:	2822205
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/22/2017
Timestamp of Creation:	05/09/1997
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	09/22/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Wastewater, Industrial NPDES/SDS Permit
MPCA ID:	Multiple IDs
MPCA List:	MN0054577; MND981200272
Program List:	Hazardous Waste; Water Quality
Classification:	Ready-Mix Concrete Manufacturing; Other Concrete Product Manufacturing ; Newspaper Publishers
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=41577

WIMN:

Legislative District:	65B
Latitude:	44.94400386
Longitude:	-93.06569362
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=56698
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

Legislative District:	65B
Latitude:	44.94399408
Longitude:	-93.06570736
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=216539
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

Status:	Y
Latitude:	44.943994000000004
Longitude:	-93.0657073
Item ID:	111852-AISI0000111852
AI ID:	111852
Document ID:	0
Subject Item Type Code:	CON

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Subject Item Category Code:	AISI
Subject Item ID:	111852
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/11/2017
Timestamp of Creation:	08/29/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/11/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	51376426
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Brownfields, Petroleum Brownfield; Brownfields, Voluntary Investigation and Cleanup; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0019707; PB4847; TS0003873; TS0130191; VP32220; VP32221
Program List:	Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111852

WIMN:

Legislative District:	65B
Latitude:	44.94400386
Longitude:	-93.06569362
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=56698
Coordinate Collection Method:	Digitized - Map Tool

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Status:	Active
Legislative District:	65B
Latitude:	44.94399408
Longitude:	-93.06570736
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=216539
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

NPDES:

Envid:	S113401326
Facility Name:	SAINT PAUL PIONEER PRESS - RIDDER CIRCLE
Address:	Not reported
Active:	Y
Interest Type Description:	Industrial
Activity ID:	Not reported
Preferred ID:	MN0054577
Activity Sys ID:	Not reported
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	09/18/2008
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.94386292
Longitude Degree:	-93.07219696
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Not reported
Owner Organization Type:	Not reported
Permit Sys ID:	Not reported
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Industrial
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarter:	Not reported
Major Watershed:	Mississippi River - Twin Cities
Major Watershed Code:	20
HUC:	07010206

FORMER PIONEER PRESS PRINTING FACILITY (Continued) **S113401326**

Minor Watershed:	Mississippi R
Minor Watershed Code:	20088
Permit Action:	PER 003
Issuance Date:	09/18/2008
Expiration Date:	08/31/2013
Action Date:	09/18/2008
Effective Permit:	Y
FDF MGD:	0
NPDES Flag:	Y
General Individual:	Individual
Major Minor:	Minor
Fac Class:	n/a
Collection Class:	n/a
Land Application Type:	n/a
Principal Component:	Influent Cooling Tower
SIC 1:	2711 - Newspapers
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Belinda Nicholas
Permit Writer:	Jennifer Priebe
Compliance Staff:	Cara Wright
Engineer:	Not reported
Hydro:	Not reported
X Coord:	494304.40625
Y Coord:	4976716.5
Coordinate Method:	Copied from Site Location (Address Matching House Number)
Prog Int ID:	4763
Doc Int ID:	686113

W136 **RIVERVIEW INDUSTRIAL PARK #11** **MN LS** **S104889051**
SSW **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.312 mi.
1648 ft. **Site 1 of 3 in cluster W**

Relative:
Higher

Actual:
701 ft.

MN LS:

Link ID:	5389
EPA ID:	Not reported
MPCA ID:	VP13770
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

X137 **245 LAFAYETTE OFFICE BLDG** **MN VIC** **S107469537**
West **245 LAFAYETTE FRONTAGE RD** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.312 mi. **MN LS**
1649 ft. **Site 1 of 2 in cluster X** **MN WIMN**

Relative:
Higher

Actual:
700 ft.

VIC:

Facility ID:	VP21510
Facility Type:	Brownfield Site
Item ID:	189120-AREA0000000001
AI ID:	189120
AI Name:	245 Lafayette Office Bldg
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93909237
Longitude:	-93.07647614
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189120
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/15/2005
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/15/2007
Owner:	245 Lafayette Road LLP
Owner Address:	3936 Tamiami Trail North
Owner City:	Naples
Owner State:	FL
Owner ZIP:	34103

Prior Aug 2016:

Facility ID:	VP21510
Facility Address 2:	Not reported
Core Program Interest ID:	369155
Link ID:	6495
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/15/2005
Last Update Date:	05/03/2011
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	494018.32000000001
Utm North:	4976126.9199999999
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21510
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2010-04-08 00:00:00
Inst Control Info Updated:	2010-04-08 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Date Started:	2005-12-15 00:00:00
Date End:	2007-01-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-12-19 00:00:00
Facid:	VP21510
Event:	1
Additional Information:	None Entered
Record Number:	24573

Date Started:	Not reported
Date End:	2006-01-09 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-01-09 00:00:00
Facid:	VP21510
Event:	1
Additional Information:	None Entered
Record Number:	24666

Date Started:	Not reported
Date End:	2006-06-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-06-15 00:00:00
Facid:	VP21510
Event:	1
Additional Information:	Methane Monitoring may be discontinued
Record Number:	25370

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2010-04-08 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	jennifer.haas@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3257

Contact Type:	1
Company Name:	Clark Equities LLC & Seeber Properties LLC
Contact Address:	5353 Gamble Drive, Suite 310
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9522240377
Contact Phone Ext:	Not reported
Contact Fax:	9525251335
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	245 Lafayette Road Limited Liability Partnership
Contact Address:	3936 Tamiami Trail North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Vieau Associates, Inc.
Contact Address:	7710 Computer Avenue, Suite 106
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Contact Postal code:	Not reported
Contact Phone:	9528937931
Contact Phone Ext:	Not reported
Contact Fax:	9528937932
Contact E-mail:	dvieau@vieauassociates.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	BF0000597
Facility Type:	Brownfield Site
Item ID:	189120-AREA0000000002
AI ID:	189120
AI Name:	245 Lafayette Office Bldg
Hydro:	Rebecca Higgins
Project Manager:	Jennifer Haas
Latitude:	44.93909533
Longitude:	-93.07647316
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189120
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/22/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

BROWNFIELDS:

Site ID:	VP21510
Leak Num:	Not reported
Owner Name:	245 Lafayette Road LLP
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	189120-AREA0000000001
AI ID:	189120
AI Name:	245 Lafayette Office Bldg
Site type:	Brownfield Site
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189120
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/15/2005

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/15/2007
Owner Address:	3936 Tamiami Trail North
Owner City:	Naples
Owner State:	FL
Owner ZIP:	34103
Latitude:	44.93909237
Longitude:	-93.07647614

Site ID:	BF0000597
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	189120-AREA0000000002
AI ID:	189120
AI Name:	245 Lafayette Office Bldg
Site type:	Brownfield Site
Hydro:	Rebecca Higgins
Project Manager:	Jennifer Haas
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189120
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/22/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.93909533
Longitude:	-93.07647316

SRS:

Facility ID:	VP21510
Item ID:	189120-AREA0000000001
AI ID:	189120
AI Name:	245 Lafayette Office Bldg
Facility Type:	Brownfield Site
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93909237
Longitude:	-93.07647614
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189120
Leak Discovered:	Not reported
Leak Reported:	Not reported

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Application / Notification Received:	12/15/2005
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/15/2007
Owner:	245 Lafayette Road LLP
Owner Address:	3936 Tamiami Trail North
Owner City:	Naples
Owner State:	FL
Owner ZIP:	34103
Acreage:	2
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20050001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP21510
Facility Adress 2:	Not reported
Core Program Interest ID:	369155
Link ID:	6495
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/15/2005
Last Update Date:	05/03/2011
Federal Facility?:	False
Primary Funding Source:	Not reported

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	494018.32000000001
Utm North:	4976126.9199999999
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21510
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2010-04-08 00:00:00
Inst Control Info Updated:	2010-04-08 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2005-12-15 00:00:00
Date End:	2007-01-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-12-19 00:00:00
Facid:	VP21510
Event:	1
Additional Information:	None Entered
Record Number:	24573

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Date Started:	Not reported
Date End:	2006-01-09 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-01-09 00:00:00
Facid:	VP21510
Event:	1
Additional Information:	None Entered
Record Number:	24666

Date Started:	Not reported
Date End:	2006-06-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-06-15 00:00:00
Facid:	VP21510
Event:	1
Additional Information:	Methane Monitoring may be discontinued
Record Number:	25370

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2010-04-08 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Contact Fax:	6512969707
Contact E-mail:	jennifer.haas@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3257
Contact Type:	1
Company Name:	Clark Equities LLC & Seeber Properties LLC
Contact Address:	5353 Gamble Drive, Suite 310
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9522240377
Contact Phone Ext:	Not reported
Contact Fax:	9525251335
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	245 Lafayette Road Limited Liability Partnership
Contact Address:	3936 Tamiami Trail North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Vieau Associates, Inc.
Contact Address:	7710 Computer Avenue, Suite 106
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9528937931
Contact Phone Ext:	Not reported
Contact Fax:	9528937932
Contact E-mail:	dvieau@vieauassociates.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-12-19 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Staff Id Num: 0

MN LS:

Link ID:	6495
EPA ID:	Not reported
MPCA ID:	VP21510
Method:	I2
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

WIMN:

Status:	Y
Latitude:	44.939095999999999
Longitude:	-93.076481200000003
Item ID:	189120-AISI0000189120
AI ID:	189120
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	189120
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported

245 LAFAYETTE OFFICE BLDG (Continued) **S107469537**

Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	12/27/2017
Timestamp of Creation:	05/30/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	01/03/2018
User Name of Last Update:	vsetter
Status Date:	Not reported
The Delta Spatial ID:	51178050
Activity:	Multiple Activities
Activity List:	Brownfields, Petroleum Brownfield and Voluntary Investigation and Cleanup; Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	BF0000597; VP21510
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189120

WIMN:

Legislative District:	65B
Latitude:	44.93909602
Longitude:	-93.07648129
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	VP21510
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195032
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

X138 **NATIONAL OIL BARCOM PROPERTY** **MN SRS** **S121509731**
West **245 LAFAYETTE FRONTAGE RD** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.312 mi.
1649 ft. **Site 2 of 2 in cluster X**

Relative:
Higher

Actual:
700 ft.

SRS:

Facility ID:	BF0000597
Item ID:	189120-AREA0000000002
AI ID:	189120
AI Name:	245 Lafayette Office Bldg
Facility Type:	Brownfield Site
Hydro:	Rebecca Higgins
Project Manager:	Jennifer Haas
Latitude:	44.93909533
Longitude:	-93.07647316
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189120
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/22/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported

NATIONAL OIL BARCOM PROPERTY (Continued) **S121509731**

Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	1.01
BPET:	Y
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20170001
Act Desc:	Brownfield Site
Status:	Active / Existing

U139 **SCANLAN INTERNATIONAL** **MN VIC** **S105696334**
SW **ONE SCANLAN PLAZA** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN LS**
0.313 mi.
1652 ft. **Site 7 of 8 in cluster U**

Relative:
Higher

Actual:
709 ft.

VIC:

Facility ID:	VP16980
Facility Type:	Brownfield Site
Item ID:	99493-AREA0000000001
AI ID:	99493
AI Name:	Scanlan International
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93559031
Longitude:	-93.07526118
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=99493
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/16/2002
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/16/2002
Owner:	Bill Morin
Owner Address:	Landmark Towers
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55102

Prior Aug 2016:

Facility ID:	VP16980
Facility Address 2:	Not reported
Core Program Interest ID:	337173
Link ID:	5785

SCANLAN INTERNATIONAL (Continued) **S105696334**

Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.33
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	none
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/16/2002
Last Update Date:	08/21/2007
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported

SCANLAN INTERNATIONAL (Continued) **S105696334**

Utm Source:	U
Utm Method:	M1
Utm Scale:	A
Utm Accuracy:	U
Utm East:	494020.46999999997
Utm North:	4975875.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP16980
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1

SCANLAN INTERNATIONAL (Continued) **S105696334**

Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2003-05-21 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2002-12-16 00:00:00
Date End:	2002-12-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2002-12-26 00:00:00
Facid:	VP16980
Event:	1
Additional Information:	None Entered
Record Number:	15801

Date Started:	2003-05-16 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2003-05-21 00:00:00
Facid:	VP16980
Event:	1
Additional Information:	For Methane
Record Number:	16714

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported

SCANLAN INTERNATIONAL (Continued) **S105696334**

Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	Scanlan International
Contact Address:	One Scanlan Plaza
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512980997
Contact Phone Ext:	Not reported
Contact Fax:	6512980018
Contact E-mail:	scanlant@scanlangroup.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	Landmark Towers
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Wenck Associates, Inc.
Contact Address:	1802 Wooddale Drive

SCANLAN INTERNATIONAL (Continued) **S105696334**

Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512944587
Contact Phone Ext:	Not reported
Contact Fax:	6512281969
Contact E-mail:	jotte@wenck.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Winthrop & Weinstine
Contact Address:	225 S 6th St
Contact Address 2:	Ste 3500
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126046400
Contact Phone Ext:	Not reported
Contact Fax:	6126046800
Contact E-mail:	dschleck@winthrop.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP16980
Item ID:	99493-AREA0000000001
AI ID:	99493
AI Name:	Scanlan International
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93559031
Longitude:	-93.07526118
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=99493
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/16/2002
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/16/2002
Owner:	Bill Morin
Owner Address:	Landmark Towers
Owner City:	Saint Paul
Owner State:	MN

SCANLAN INTERNATIONAL (Continued) **S105696334**

Owner ZIP:	55102
Acreage:	1.33
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20020001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP16980
Facility Adress 2:	Not reported
Core Program Interest ID:	337173
Link ID:	5785
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.33
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	none
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/16/2002
Last Update Date:	08/21/2007
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported

SCANLAN INTERNATIONAL (Continued) **S105696334**

Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	U
Utm Method:	M1
Utm Scale:	A
Utm Accuracy:	U
Utm East:	494020.46999999997
Utm North:	4975875.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP16980
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported

SCANLAN INTERNATIONAL (Continued) **S105696334**

# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2003-05-21 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2002-12-16 00:00:00
Date End:	2002-12-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2002-12-26 00:00:00
Facid:	VP16980
Event:	1
Additional Information:	None Entered
Record Number:	15801

Date Started:	2003-05-16 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2003-05-21 00:00:00
Facid:	VP16980
Event:	1
Additional Information:	For Methane
Record Number:	16714

SCANLAN INTERNATIONAL (Continued) **S105696334**

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	Scanlan International
Contact Address:	One Scanlan Plaza
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512980997
Contact Phone Ext:	Not reported
Contact Fax:	6512980018
Contact E-mail:	scanlant@scanlangroup.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	Landmark Towers
Contact Address 2:	Not reported
Contact Province:	Not reported

SCANLAN INTERNATIONAL (Continued) **S105696334**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Wenck Associates, Inc.
Contact Address:	1802 Wooddale Drive
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512944587
Contact Phone Ext:	Not reported
Contact Fax:	6512281969
Contact E-mail:	jotte@wenck.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Winthrop & Weinstine
Contact Address:	225 S 6th St
Contact Address 2:	Ste 3500
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126046400
Contact Phone Ext:	Not reported
Contact Fax:	6126046800
Contact E-mail:	dschleck@winthrop.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2002-12-26 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

MN LS:

Link ID:	5785
EPA ID:	Not reported
MPCA ID:	VP16980
Method:	M1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No

SCANLAN INTERNATIONAL (Continued) **S105696334**

RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

U140 **SCANLAN INTERNATIONAL** **MN BROWNFIELDS** **S119124643**
SW **ONE SCANLAN PLAZA** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.313 mi.
1652 ft. **Site 8 of 8 in cluster U**

Relative:
Higher

Actual:
709 ft.

BROWNFIELDS:

Site ID:	VP16980
Leak Num:	Not reported
Owner Name:	Bill Morin
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	99493-AREA0000000001
AI ID:	99493
AI Name:	Scanlan International
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=99493
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/16/2002
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/16/2002
Owner Address:	Landmark Towers
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55102
Latitude:	44.93559031
Longitude:	-93.07526118

WIMN:

Status:	N
Latitude:	44.936286699999997
Longitude:	-93.075783700000002
Item ID:	99493-AISI0000099493
AI ID:	99493
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	99493
Subject Item Category Description:	Agency Interest

SCANLAN INTERNATIONAL (Continued) **S119124643**

Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	SR; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205d
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	d
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	07/30/2008
The Delta Spatial ID:	50647445
Activity:	Multiple Activities
Activity List:	Brownfields, Voluntary Investigation and Cleanup; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	A00021621; VP16980
Program List:	Investigation and Cleanup; Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=99493

Y141 **DALLAS AIRMOTIVE INC** **MN LUST** **S107466821**
South **330 BRAVO LN** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN Financial Assurance**
0.317 mi. **MN WIMN**
1673 ft. **Site 1 of 4 in cluster Y**

Relative: LUST:
Higher

Item ID:	32441-AREA0000000001
MNPCA ID:	Not reported
AI ID:	32441
AI Name:	Dallas Airmotive Inc
Site Type:	Leak Site
Hydro:	Not reported

Actual:
700 ft.

DALLAS AIRMOTIVE INC (Continued) **S107466821**

Project Manager:	Artie Dworak (former)
Latitude:	44.93204027
Longitude:	-93.06802595
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32441
Leak Discovered:	10/5/2005
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Signature Flight Support
Site Closed:	3/3/2006
Owner Address:	PO Box 2278
Owner City:	Carol Stream
Owner State:	IL
Owner ZIP:	601322278
SI Type:	Underground Storage Tank System
Leak Reported:	10/10/2005

SRS:

Facility ID:	LS0016239
Item ID:	32441-AREA0000000001
AI ID:	32441
AI Name:	Dallas Airmotive Inc
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Artie Dworak (former)
Latitude:	44.93204027
Longitude:	-93.06802595
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32441
Leak Discovered:	10/05/2005
Leak Reported:	10/10/2005
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	03/03/2006
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20050001
Act Desc:	Leak Site Investigation

DALLAS AIRMOTIVE INC (Continued) **S107466821**

Status: Closed

MN Financial Assurance 1:

PROGRAM ID:	204984
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	183177
Interest Telephone:	6513616495
Preferred ID:	17472
Interest Start Date:	03/17/1993
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	03/17/1993
TMSP Last Update:	03/24/2006 12:21:37
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	204984
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	41454
Interest Telephone:	NO CORE PI PH.
Preferred ID:	17472
Interest Start Date:	03/17/1993
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	03/24/2006
TMSP Last Update:	03/24/2006 12:21:37
Staff ID Last Update:	TALES
Source:	CORE
Source ID:	31454
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	331327
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	41454
Interest Telephone:	NO CORE PI PH.
Preferred ID:	16239
Interest Start Date:	10/19/2005
Interest End Date:	03/24/2006
Activity Flag:	N
TMSP Added:	03/24/2006
TMSP Last Update:	11/10/2014 08:17:05

DALLAS AIRMOTIVE INC (Continued) **S107466821**

Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 31454
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 331327
Township Name: Not reported
Region: 1
Interest Type: Deleted Leak Site
ADDR ID: 183177
Interest Telephone: Not reported
Preferred ID: 16239
Interest Start Date: 10/19/2005
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 10/19/2005
TMSP Last Update: 03/24/2006 13:06:32
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: Not reported

Latitude Longitude:
Program Id: 204984
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Not reported
TMSP Added: 12/29/2010 13:33:10
TMSP Last Update: 12/29/2010 13:33:10
Staff ID Last Update: SVANPAT
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 31454
Spatial ID: 51068579

Program Id: 204984
Lat/Long ID: 39785
Latitude Degrees: 44
Latitude Minutes: 55
Latitude Seconds: 19.58

DALLAS AIRMOTIVE INC (Continued) **S107466821**

Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	31.54
Collection Date:	03/12/2010 17:47:39
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:15:32
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31454
Spatial ID:	51068579

Tab Site:

Program Id:	204984
Facility Code:	37
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	03/12/1993 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	03/17/1993 08:22:20
TMSP Last Update:	05/23/2003 09:21:03
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

Latitude Longitude:

Program Id:	331327
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	12/29/2010 13:33:22
TMSP Last Update:	12/29/2010 13:33:22
Staff ID Last Update:	SVANPAT
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31454
Spatial ID:	51071677

Program Id:	331327
Lat/Long ID:	39785
Latitude Degrees:	44

DALLAS AIRMOTIVE INC (Continued) **S107466821**

Latitude Minutes:	55
Latitude Seconds:	19.58
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	31.54
Collection Date:	03/12/2010 17:47:39
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:31:49
TMSP Last Update:	03/12/2010 18:15:32
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	E
Source:	CORE
Site ID:	31454
Spatial ID:	51071677

Staff Name:

Program Id:	331327
Staff Sequence ID:	97810
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	10/20/2005 16:53:18
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3225

WIMN:

Status:	Y
Latitude:	44.922107799999999
Longitude:	-93.058762900000005
Item ID:	32441-AISI0000032441
AI ID:	32441
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	32441
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities

DALLAS AIRMOTIVE INC (Continued) **S107466821**

USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	22031
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0016239; MN0000114231; TS0017472
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Other Airport Operations
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32441

WIMN:

Legislative District:	65B
Latitude:	44.93203226
Longitude:	-93.06801824
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31454
Coordinate Collection Method:	Address Matching House Number
Status:	Active

W142 **RIVERVIEW INDUSTRIAL PARK #11** **MN WIMN** **S120059700**
SSW **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.319 mi.
1684 ft. **Site 2 of 3 in cluster W**

Relative:
Lower

Actual:
699 ft.

WIMN:

Status:	Y
Latitude:	44.93468532
Longitude:	-93.074380390000002
Item ID:	188379-AISI0000188379
AI ID:	188379
Document ID:	0

RIVERVIEW INDUSTRIAL PARK #11 (Continued) **S120059700**

Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	188379
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50647153
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP13770
MPCA List:	VP13770
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188379

W143
SSW
1/4-1/2
0.319 mi.
1684 ft.

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

Site 3 of 3 in cluster W

MN VIC **S104843669**
MN SRS **N/A**

Relative:
Lower

Actual:
699 ft.

VIC:

Facility ID:	VP13770
Facility Type:	Brownfield Site
Item ID:	188379-AREA0000000001
AI ID:	188379
AI Name:	Riverview Industrial Park #11
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93468475
Longitude:	-93.07437897
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188379
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/17/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/2002
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP13770
Facility Address 2:	W. of Lafayette
Core Program Interest ID:	336815
Link ID:	5389
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.5999999
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Along NE corner of where State Street and Eaton Street meet near Hwy 53.
Natural Resource Damage:	False
Cleanup Cost:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

Notes:	Parcel E-2 comprises All Lots 6, 7 and 8, Block 3
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	11/21/2000
Last Update Date:	08/02/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	28
Range:	22
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494131.03125
Utm North:	4975697.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP13770
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2005-07-25 00:00:00
Inst Control Info Updated:	2005-07-25 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

SIte Event Log:

Date Started:	Not reported
Date End:	2001-09-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-01 00:00:00
Facid:	VP13770
Event:	1
Additional Information:	Construction Contingency Plan
Record Number:	12398

Date Started:	2000-10-17 00:00:00
Date End:	2002-01-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-01-13 00:00:00
Facid:	VP13770
Event:	1
Additional Information:	None Entered
Record Number:	29863

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2011-01-25 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	345 St. Peter Street, Suite 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	6512235198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	AET
Contact Address:	550 Cleveland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	345 St. Peter Street, Suite 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	6512235198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	jennifer.haas@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2008-08-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3257

SRS:

Facility ID:	VP13770
Item ID:	188379-AREA0000000001
AI ID:	188379
AI Name:	Riverview Industrial Park #11
Facility Type:	Brownfield Site
Hydro:	Jennifer Haas (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93468475
Longitude:	-93.07437897
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188379
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/17/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/2002
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	2.6
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20000001
Act Desc:	Brownfield Site

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

Status:	Closed
Prior Aug 2016:	
Facility ID:	VP13770
Facility Adress 2:	W. of Lafayette
Core Program Interest ID:	336815
Link ID:	5389
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.5999999
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Along NE corner of where State Street and Eaton Street meet near Hwy 53.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Parcel E-2 comprises All Lots 6, 7 and 8, Block 3
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	11/21/2000
Last Update Date:	08/02/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	28
Range:	22
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494131.03125
Utm North:	4975697.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP13770
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2005-07-25 00:00:00
Inst Control Info Updated:	2005-07-25 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	2001-09-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-01 00:00:00
Facid:	VP13770
Event:	1
Additional Information:	Construction Contingency Plan
Record Number:	12398

Date Started:	2000-10-17 00:00:00
Date End:	2002-01-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-01-13 00:00:00
Facid:	VP13770
Event:	1
Additional Information:	None Entered
Record Number:	29863

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2011-01-25 00:00:00

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	345 St. Peter Street, Suite 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	6512235198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	AET
Contact Address:	550 Cleveland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2 (Continued) **S104843669**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	345 St. Peter Street, Suite 1900
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	6512235198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-11-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	jennifer.haas@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2008-08-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3257

Z144 **3M ST. PAUL - OH & ESD - BLDG. 76** **MN AIRS** **S107726970**
NW **410 E FILLMORE AVE** **MN TIER 2** **N/A**
1/4-1/2 **ST. PAUL, MN 55107** **MN WIMN**
0.333 mi. **MN NPDES**
1756 ft. **Site 1 of 2 in cluster Z**

Relative: MN AIRS:
Higher

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E

Actual:
708 ft.

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	3037.15
Emissions (tons):	1.518575

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	3037.15
Emissions (tons):	1.518575

Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	718339.6904
Emissions (tons):	359.1698452
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	584.4
Emissions (tons):	0.2922
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	22.46

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	0.01123
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	3045.648
Emissions (tons):	1.522824
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	3075.1126
Emissions (tons):	1.5375563
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	744566.652
Emissions (tons):	372.283326

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	862688.308
Emissions (tons):	431.344154

Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	3277.038
Emissions (tons):	1.638519
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	508.8
Emissions (tons):	0.2544
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	2857.8156
Emissions (tons):	1.4289078
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	19.38
Emissions (tons):	0.00969

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	471.2
Emissions (tons):	0.2356

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	561
Emissions (tons):	0.2805
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	3492.916
Emissions (tons):	1.746458
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	3492.916
Emissions (tons):	1.746458
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	3277.8112
Emissions (tons):	1.6389056
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	3.366
Emissions (tons):	0.001683
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	2050.84
Emissions (tons):	1.02542

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	17.948
Emissions (tons):	0.008974

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.002804
Emissions (tons):	1.402e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	689709.9888
Emissions (tons):	344.8549944
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	374.8

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	0.1874
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	446.2
Emissions (tons):	0.2231
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	5780.32
Emissions (tons):	2.89016
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	5780.32
Emissions (tons):	2.89016

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	5424.1184
Emissions (tons):	2.7120592

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	2.678
Emissions (tons):	0.001339
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1901.94
Emissions (tons):	0.95097
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	14.278
Emissions (tons):	0.007139
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.002232
Emissions (tons):	1.116e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	548164.8784
Emissions (tons):	274.0824392

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	559.406
Emissions (tons):	0.279703
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	559.406
Emissions (tons):	0.279703
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	524.6748
Emissions (tons):	0.2623374
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	501.2
Emissions (tons):	0.2506
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	421
Emissions (tons):	0.2105
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
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Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	27.56
Emissions (tons):	0.01378

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
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Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	16.038
Emissions (tons):	0.008019

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	3.008
Emissions (tons):	0.001504
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.002506
Emissions (tons):	1.253e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Zinc
Emissions (lb):	0.14534

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	7.267e-05
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Vanadium
Emissions (lb):	0.011528
Emissions (tons):	5.764e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	0.010526
Emissions (tons):	5.263e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	0.005514
Emissions (tons):	2.757e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	0.00426
Emissions (tons):	2.13e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	0.0019046
Emissions (tons):	9.523e-07
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Arsenic
Emissions (lb):	0.0010024
Emissions (tons):	5.012e-07
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	0.000421
Emissions (tons):	2.105e-07
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chromium (VI)
Emissions (lb):	0.0002806
Emissions (tons):	1.403e-07

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Selenium
Emissions (lb):	0.00012028
Emissions (tons):	6.014e-08

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Beryllium
Emissions (lb):	6.014e-05
Emissions (tons):	3.007e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	4.21e-06
Emissions (tons):	2.105e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	9.022
Emissions (tons):	0.004511
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	0.376
Emissions (tons):	0.000188
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	0.01704
Emissions (tons):	8.52e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
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SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	0.010526
Emissions (tons):	5.263e-06

Facility ID:	12300491
File Number:	23Y
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Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
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SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chromium (III)
Emissions (lb):	0.006736
Emissions (tons):	3.368e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.006014
Emissions (tons):	3.007e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	0.00012028
Emissions (tons):	6.014e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	8.02e-05

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	4.01e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Naphthalene
Emissions (lb):	0.003058
Emissions (tons):	1.529e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	8.52e-05
Emissions (tons):	4.26e-08

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Pyrene
Emissions (lb):	2.506e-05
Emissions (tons):	1.253e-08

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	1.5036e-05
Emissions (tons):	7.518e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	1.4034e-05
Emissions (tons):	7.017e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	1.2028e-05
Emissions (tons):	6.014e-09
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	9.022e-06
Emissions (tons):	4.511e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	6.014e-06
Emissions (tons):	3.007e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	6.014e-06
Emissions (tons):	3.007e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	6.014e-06
Emissions (tons):	3.007e-09
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	540
Emissions (tons):	0.27
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	640

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	0.32
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	5260
Emissions (tons):	2.63
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	5260
Emissions (tons):	2.63
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	3440
Emissions (tons):	1.72

Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	520
Emissions (tons):	0.26
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	620
Emissions (tons):	0.31
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
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Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	2380
Emissions (tons):	1.19

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
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Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	2340
Emissions (tons):	1.17

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
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Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	4540
Emissions (tons):	2.27
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	540
Emissions (tons):	0.27
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	640
Emissions (tons):	0.32
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	40
Emissions (tons):	0.02

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	40
Emissions (tons):	0.02

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	3120
Emissions (tons):	1.56
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	0
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	740
Emissions (tons):	0.37
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	880
Emissions (tons):	0.44
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	60
Emissions (tons):	0.03

Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	60
Emissions (tons):	0.03

Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	920
Emissions (tons):	0.46
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	1.144e-05
Emissions (tons):	5.72e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	1.144e-05
Emissions (tons):	5.72e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acetaldehyde
Emissions (lb):	8.673e-05
Emissions (tons):	4.3365e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	20.3328
Emissions (tons):	0.0101664
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	1.525e-05
Emissions (tons):	7.625e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Arsenic
Emissions (lb):	0.0012708
Emissions (tons):	6.354e-07
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	1.144e-05
Emissions (tons):	5.72e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	7.62e-06
Emissions (tons):	3.81e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	0.0133434
Emissions (tons):	6.6717e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	7.62e-06
Emissions (tons):	3.81e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	1.144e-05
Emissions (tons):	5.72e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	1.144e-05

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	5.72e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Beryllium
Emissions (lb):	7.625e-05
Emissions (tons):	3.8125e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	0.0069894
Emissions (tons):	3.4947e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Chromium
Emissions (lb):	0.0088956
Emissions (tons):	4.4478e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	1.144e-05
Emissions (tons):	5.72e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	540
Emissions (tons):	0.27
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	0.00053374
Emissions (tons):	2.6687e-07
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	0.0054009
Emissions (tons):	2.70045e-06
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	7.62e-06
Emissions (tons):	3.81e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.0076248
Emissions (tons):	3.8124e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	0.00010166
Emissions (tons):	5.083e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	1.906e-05
Emissions (tons):	9.53e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	1.779e-05
Emissions (tons):	8.895e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	0.47655
Emissions (tons):	0.000238275
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	11.4372
Emissions (tons):	0.0057186
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	1.144e-05
Emissions (tons):	5.72e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	0.00241452
Emissions (tons):	1.20726e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	5.34e-06
Emissions (tons):	2.67e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene
Emissions (lb):	1.144e-05
Emissions (tons):	5.72e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	0.0001525

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	7.625e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Naphthalene
Emissions (lb):	0.00387594
Emissions (tons):	1.93797e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	0.0133434
Emissions (tons):	6.6717e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	640
Emissions (tons):	0.32

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	0.00010802
Emissions (tons):	5.401e-08

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	40
Emissions (tons):	0.02
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	40
Emissions (tons):	0.02
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	2.26315995
Emissions (tons):	0.001131579975
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Pyrene
Emissions (lb):	3.177e-05
Emissions (tons):	1.5885e-08

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Selenium
Emissions (lb):	0.0001525
Emissions (tons):	7.625e-08

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	0.0216036
Emissions (tons):	1.08018e-05
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1620
Emissions (tons):	0.81
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	3277.038
Emissions (tons):	1.638519
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	2065.3
Emissions (tons):	1.03265
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	4.21
Emissions (tons):	0.002105
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	589.4
Emissions (tons):	0.2947

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.003028
Emissions (tons):	1.514e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.003508
Emissions (tons):	1.754e-06
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	490.8
Emissions (tons):	0.2454
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	1.26e-05

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	6.3e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	1.26e-05
Emissions (tons):	6.3e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	1.68e-05
Emissions (tons):	8.4e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Arsenic
Emissions (lb):	0.0014034
Emissions (tons):	7.017e-07

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	1.26e-05
Emissions (tons):	6.3e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	8.42e-06
Emissions (tons):	4.21e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	0.014736
Emissions (tons):	7.368e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	8.42e-06
Emissions (tons):	4.21e-09
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	1.26e-05
Emissions (tons):	6.3e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	1.26e-05
Emissions (tons):	6.3e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Beryllium
Emissions (lb):	8.42e-05
Emissions (tons):	4.21e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	0.007718
Emissions (tons):	3.859e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	Chromium (III)
Emissions (lb):	0.00943
Emissions (tons):	4.715e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Chromium (VI)
Emissions (lb):	0.000393
Emissions (tons):	1.965e-07
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	1.26e-05
Emissions (tons):	6.3e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	0.0005894
Emissions (tons):	2.947e-07

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	0.005964
Emissions (tons):	2.982e-06

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	8.42e-06
Emissions (tons):	4.21e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.00842
Emissions (tons):	4.21e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	0.00011228

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	5.614e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	2.11e-05
Emissions (tons):	1.055e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	1.96e-05
Emissions (tons):	9.8e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	0.5262
Emissions (tons):	0.0002631

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	12.63
Emissions (tons):	0.006315

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	1.26e-05
Emissions (tons):	6.3e-09
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.003508
Emissions (tons):	1.754e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	0.002666
Emissions (tons):	1.333e-06
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	5.89e-06
Emissions (tons):	2.945e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene
Emissions (lb):	1.26e-05
Emissions (tons):	6.3e-09

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	0.0001684
Emissions (tons):	8.42e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Naphthalene
Emissions (lb):	0.00428
Emissions (tons):	2.14e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	0.014736
Emissions (tons):	7.368e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	0.00011928
Emissions (tons):	5.964e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Pyrene
Emissions (lb):	3.51e-05
Emissions (tons):	1.755e-08
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Selenium
Emissions (lb):	0.0001684
Emissions (tons):	8.42e-08

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	0.02386
Emissions (tons):	1.193e-05

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Vanadium
Emissions (lb):	0.01614
Emissions (tons):	8.07e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Zinc
Emissions (lb):	0.2034
Emissions (tons):	0.0001017
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1964

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Emissions (tons):	0.982
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	3.506
Emissions (tons):	0.001753
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.002922
Emissions (tons):	1.461e-06
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	3.634
Emissions (tons):	0.001817

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	2849.8048
Emissions (tons):	1.4249024

Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	2220.14
Emissions (tons):	1.11007
Facility ID:	12300491
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	313230
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	18.698
Emissions (tons):	0.009349
Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	701.8
Emissions (tons):	0.3509
Facility ID:	12300491

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

File Number:	23Y
Fedral/State:	Not reported
Mail Address:	410 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Gary Preston
Contact Phone:	(651) 778-6399
Contact Fax:	Not reported
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	605.6
Emissions (tons):	0.3028

Facility ID:	12300491
File Number:	23Y
Fedral/State:	Not reported
Mail Address:	PO Box 33331
Mail City,St,Zip:	St. Paul, MN 551333331
Contact Name:	Mr. Mark Manninen
Contact Phone:	(651) 778-6130
Contact Fax:	(651) 778-7203
Latitude:	44.943672599999999
Longitude:	-93.075960600000002
SIC Code:	2297
SIC Code 2:	Not reported
NAICS:	31323
Permip Program Type:	Registration
Action ID:	3
Effective Start:	05/16/2006
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	3045.648
Emissions (tons):	1.522824

TIER 2:

Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
Dunn Brad Num:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Site Plan:	No
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Year:	2011
Facility Status:	ACTIVE
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	2297
NAICS:	313230
Dunn Brad Num:	Not reported
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700042
Own Country:	Not reported
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	UNKNOWN
Status 312:	UNKNOWN
Emergency Contact Name1:	Tom Pehoski
Emergency Contact Name2:	DICK RIVERA
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	6517336100
Emergency Contact 24hr Phone2:	6517387829
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Facility Id:	620700042
CAS Number:	9003070
Chemical Id:	Not reported
Chemical Name:	POLYPROPYLENE RESINS
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	K14
How Chemical Is Stored:	J14
How Chemical Is Stored:	I14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9329
CAS Number:	9003070
Chemical Id:	30685
Chemical Name:	POLYPROPYLENE RESINS & PROCESSED RESINS
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	K
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	DOCK
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9329
Chemical Desc ID:	30685
CAS No:	9003070
Chemical Name:	POLYPROPYLENE RESINS
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	Yes
Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	23688
Avg Daily Amt Exact:	14665
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	30685
Storage Container Type:	J
Storage Pressure:	1
Storage Temp:	4
Storage Location:	DOCK
Storage ID:	153432
Storage Confidential:	No

Storage Chem Desc ID:	30685
Storage Container Type:	K

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Storage Pressure:	1
Storage Temp:	4
Storage Location:	DOCK
Storage ID:	153431
Storage Confidential:	No

Facility Id:	9329
CAS Number:	7440440
Chemical Id:	37630
Chemical Name:	CARBON
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	3
Storage Container Type:	J
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	DOCK
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9329

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

CAS Number:	7440440
Chemical Id:	37630
Chemical Name:	CARBON
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	3
Storage Container Type:	E
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	DOCK
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9329
CAS Number:	7440440
Chemical Id:	37630
Chemical Name:	CARBON
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Avg Daily Amt Code:	3
Storage Container Type:	I
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	DOCK
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9329
CAS Number:	9003070
Chemical Id:	30685
Chemical Name:	POLYPROPYLENE RESINS & PROCESSED RESINS
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	J
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	DOCK
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9329
Chemical Desc ID:	30685
CAS No:	9003070
Chemical Name:	POLYPROPYLENE RESINS
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	Yes
Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	23688
Avg Daily Amt Exact:	14665
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Storage:

Storage Chem Desc ID:	30685
Storage Container Type:	J
Storage Pressure:	1
Storage Temp:	4
Storage Location:	DOCK
Storage ID:	153432
Storage Confidential:	No

Storage Chem Desc ID:	30685
Storage Container Type:	K
Storage Pressure:	1
Storage Temp:	4
Storage Location:	DOCK
Storage ID:	153431
Storage Confidential:	No

Facility Id:	9329
CAS Number:	9003070
Chemical Id:	30685
Chemical Name:	POLYPROPYLENE RESINS & PROCESSED RESINS
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	R
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	DOCK
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9329
Chemical Desc ID:	30685
CAS No:	9003070
Chemical Name:	POLYPROPYLENE RESINS
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	Yes
Liquid:	No
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	23688
Avg Daily Amt Exact:	14665
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	30685
Storage Container Type:	J
Storage Pressure:	1
Storage Temp:	4
Storage Location:	DOCK
Storage ID:	153432
Storage Confidential:	No

Storage Chem Desc ID:	30685
Storage Container Type:	K
Storage Pressure:	1
Storage Temp:	4
Storage Location:	DOCK
Storage ID:	153431
Storage Confidential:	No

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Contact:
- Contact ID: 18658
- Contact Type: T2EC
- Contact Name: Scott Wrig
- Contact Title: HSET Opera
- Sort Order: 1

Device:
- Contact Device ID: 18658
- Device Type: Phone
- Device Name: 24 Hr. Phone
- Device Value: 5075253267
- Contact ID: 6219

Contact:
- Contact ID: 18659
- Contact Type: T2EC
- Contact Name: DICK RIVER
- Contact Title: Pilot Plan
- Sort Order: 2

WIMN:
- Status: Y
- Latitude: 44.943672599999999
- Longitude: -93.075960600000002
- Item ID: 1249-AISI0000001249
- AI ID: 1249
- Document ID: 0
- Subject Item Type Code: CON
- Subject Item Category Code: AISI
- Subject Item ID: 1249
- Subject Item Category Description: Agency Interest
- Subject Item Type Description: Conventional Site
- Description: Not reported
- Subject Item Designation: Not reported
- MPCA Program: Multiple Programs
- Program List: AQ; HW; ST
- City, Township or Unorganized code: 239651
- City, Township or Unorganized Name: Saint Paul
- Congressional District Code: 4
- House District: 65B
- Senate District: 65
- USGS 8-digits: 07010206
- USGS 8-digits Name: Mississippi River - Twin Cities
- USGS 10-digits: 701020608
- USGS 12-digits: 70102060805
- USGS 12-digits Name: Harriet Island-Mississippi River
- MDH Drinking Water Management Code: Not reported
- MDH Drinking Water Management Name: Not reported
- Location Description: Not reported
- Township, Range, Direction, Section QQ: Not reported
- PLS Township: Not reported
- Range: Not reported
- Range Direction: Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	Not reported
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	03/10/2017
User Name of Last Update:	RSP
Status Date:	Not reported
The Delta Spatial ID:	1214
Activity:	Multiple Activities
Activity List:	Air Quality; Hazardous Waste, Very small quantity generator; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	12300491; MND980898001; MNRNE33Y8; MNRNE3845
Program List:	Air Quality; Hazardous Waste; Stormwater
Classification:	Nonwoven Fabric Mills
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=1249

WIMN:

Legislative District:	65B
Latitude:	44.94358342
Longitude:	-93.07428353
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=890
Coordinate Collection Method:	Address Matching House Number
Status:	Active

NPDES:

Envid:	S107726970
Facility Name:	3M - BLDG 76
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNRNE3845
Preferred ID:	Not reported
Activity Sys ID:	1249
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9436726
Longitude Degree:	-93.0759606
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Owner Name:	3M Company
Owner Organization Type:	Not reported
Permit Sys ID:	130487
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	0
Activity Description:	Manufacture of non-woven webs (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	C, V
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported
Envid:	S107726970
Facility Name:	3M - BLDG 76
Address:	Not reported
Active:	Inactive

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

Interest Type Description:	Not reported
Activity ID:	MNRNE33Y8
Preferred ID:	Not reported
Activity Sys ID:	1249
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	06/03/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9436726
Longitude Degree:	-93.0759606
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	3M Company
Owner Organization Type:	Not reported
Permit Sys ID:	95896
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	1
Activity Description:	Extrusion of non-woven fabric materials (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	C, V
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported

3M ST. PAUL - OH & ESD - BLDG. 76 (Continued) **S107726970**

SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

---

145 West 1/4-1/2 0.338 mi. 1785 ft.

FORMER GAS STATION
175 W LAFAYETTE RD
SAINT PAUL, MN 55107

MN LUST **S106551359**
MN SRS **N/A**
MN Financial Assurance
MN WIMN

Relative: Higher

Actual: 700 ft.

LUST:

Item ID:	195516-AREA0000000001
MNPCA ID:	Not reported
AI ID:	195516
AI Name:	Former Gas Station
Site Type:	Leak Site
Hydro:	Bassou Oulgout (former)
Project Manager:	Mark Koplitz (former)
Latitude:	44.9404412
Longitude:	-93.07678395
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195516
Leak Discovered:	11/16/1998
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	11/2/1999
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	1/29/1999

SRS:

Facility ID:	LS0012409
Item ID:	195516-AREA0000000001
AI ID:	195516
AI Name:	Former Gas Station
Facility Type:	Leak Site
Hydro:	Bassou Oulgout (former)
Project Manager:	Mark Koplitz (former)
Latitude:	44.9404412
Longitude:	-93.07678395

FORMER GAS STATION (Continued) **S106551359**

Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195516
Leak Discovered:	11/16/1998
Leak Reported:	01/29/1999
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/02/1999
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19990001
Act Desc:	Leak Site Investigation
Status:	Closed

MN Financial Assurance 1:

PROGRAM ID:	224796
Township Name:	White Bear
Region:	1
Interest Type:	Leak Site
ADDR ID:	271770
Interest Telephone:	NO CORE PI PH.
Preferred ID:	12409
Interest Start Date:	11/09/1999
Interest End Date:	12/01/2006
Activity Flag:	N
TMSP Added:	12/01/2006
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	247148
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	224796
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	271770
Interest Telephone:	Not reported
Preferred ID:	12409

FORMER GAS STATION (Continued) **S106551359**

Interest Start Date:	11/09/1999
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	12/01/2006 07:00:45
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	224796
Lat/Long ID:	10372
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	27.5506
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	35.9401
Collection Date:	Not reported
Lat/Long Description:	Site Center
TMSP Added:	08/03/2004 12:34:13
TMSP Last Update:	04/29/2008 09:01:53
Staff ID Last Update:	SCHILD
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	TALES
Site ID:	247148
Spatial ID:	51841374

Program Id:	224796
Lat/Long ID:	133513
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	25.58
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	36.42
Collection Date:	04/29/2008 09:01:03
Lat/Long Description:	Not reported
TMSP Added:	12/01/2006 07:00:55
TMSP Last Update:	04/29/2008 09:01:06
Staff ID Last Update:	MAPTOOL
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	DM
Map Scale Code:	Not reported
Source:	CORE
Site ID:	247148
Spatial ID:	51841374

FORMER GAS STATION (Continued) **S106551359**

Staff Name:

Program Id:	224796
Staff Sequence ID:	23843
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:20
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3311

Program Id:	224796
Staff Sequence ID:	30258
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:27
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	3369

Program Id:	224796
Staff Sequence ID:	8542
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:05
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	3433

WIMN:

Status:	Y
Latitude:	44.940441200000002
Longitude:	-93.076783899999995
Item ID:	195516-AISI0000195516
AI ID:	195516
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	195516
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup

FORMER GAS STATION (Continued) **S106551359**

Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	12/01/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51841373
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0012409
MPCA List:	LS0012409
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195516

WIMN:

Legislative District:	65B
Latitude:	44.94044120
Longitude:	-93.07678395
Activity:	Leak Site
MPCA ID:	12409
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=247148
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

AA146 **COLLINS ELECTRICAL & CONSTRUCTION** **MN MANIFEST** **S119127789**
WSW **278 STATE ST** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.340 mi.
1796 ft. **Site 1 of 2 in cluster AA**

Relative:
Higher

Actual:
704 ft.

MANIFEST:

Manifest ID:	672147
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	3/31/2000 0:00:00
Fac Copy Recd Date:	2000-03-29 00:00:00
Gen Ship Date:	2000-03-23 00:00:00
Trans 1 Recd Date:	2000-03-23 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2000-03-23 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

Manifest ID:	672147
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Container Code:	DMML
Waste Qty:	11
Waste Units Code:	AD
Waste Code List:	D008,D018,D039,D040

Manifest ID:	699630
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	SCR000075150
Transporter 1 AI ID:	60980
Transporter 1 AI Name:	Safety Kleen - Columbia SC
Transporter 1 Address:	1301 Gervais St Ste 1900
Transporter 1 City:	Columbia
Transporter 1 State:	SC
Transporter 1 ZIP:	29201-3335
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	11/2/2000 0:00:00
Fac Copy Recd Date:	2000-11-02 00:00:00
Gen Ship Date:	2000-10-30 00:00:00
Trans 1 Recd Date:	2000-10-30 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2000-10-30 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

Manifest ID:	699630
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Container Qty:	1
Container Code:	DMML
Waste Qty:	11
Waste Units Code:	AD
Waste Code List:	D008,D018,D039,D040

Manifest ID:	183001
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	10/29/1993 0:00:00
Fac Copy Recd Date:	1993-10-28 00:00:00
Gen Ship Date:	1993-10-25 00:00:00
Trans 1 Recd Date:	1993-10-25 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-10-25 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

Manifest ID:	183001
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	7
Waste Units Code:	AD
Waste Code List:	D001
Manifest ID:	183002
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	9/22/1998 0:00:00
Fac Copy Recd Date:	1998-09-21 00:00:00
Gen Ship Date:	1998-09-17 00:00:00
Trans 1 Recd Date:	1998-09-17 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1998-09-17 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

Manifest ID:	183002
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	10
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	183003
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	8/24/1995 0:00:00
Fac Copy Recd Date:	1995-08-21 00:00:00
Gen Ship Date:	1995-08-17 00:00:00
Trans 1 Recd Date:	1995-08-17 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1995-08-17 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

Manifest ID:	183003
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	12
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	183004
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	11/23/1994 0:00:00
Fac Copy Recd Date:	1993-12-09 00:00:00
Gen Ship Date:	1993-12-07 00:00:00
Trans 1 Recd Date:	1993-12-07 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-12-07 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

Manifest ID:	183004
Manifest Row:	1

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	7
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	183005
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981953045
TSD AI ID:	37851
TSD AI Name:	Safety-Kleen Systems Inc - Blaine
TSD Address:	9261 Isanti St NE
TSD City:	Blaine
TSD State:	MN
TSD Zip:	55449
Gen Copy Recd Date:	10/14/1997 0:00:00
Fac Copy Recd Date:	1997-10-20 00:00:00
Gen Ship Date:	1997-10-10 00:00:00
Trans 1 Recd Date:	1997-10-10 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-10-13 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

Manifest ID:	183005

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	10
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	183006
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	12/12/1995 0:00:00
Fac Copy Recd Date:	1995-12-11 00:00:00
Gen Ship Date:	1995-12-07 00:00:00
Trans 1 Recd Date:	1995-12-07 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1995-12-07 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

Detail:

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Manifest ID:	183006
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	10
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	183007
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	2/3/1994 0:00:00
Fac Copy Recd Date:	1994-02-03 00:00:00
Gen Ship Date:	1994-02-01 00:00:00
Trans 1 Recd Date:	1994-02-01 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1994-02-01 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Detail:

Manifest ID:	183007
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	7
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	183008
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	4/1/1998 0:00:00
Fac Copy Recd Date:	1998-02-04 00:00:00
Gen Ship Date:	1998-01-30 00:00:00
Trans 1 Recd Date:	1998-01-30 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1998-01-30 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Detail:

Manifest ID:	183008
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	10
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	183009
Generator ID:	MND041198714
Generator AI ID:	27496
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	4/7/1994 0:00:00
Fac Copy Recd Date:	1994-03-31 00:00:00
Gen Ship Date:	1994-03-28 00:00:00
Trans 1 Recd Date:	1994-03-28 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1994-03-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	27496
Generator ID:	MND041198714
Generator AI Name:	Collins Electrical & Construction
Generator Contact:	Dan Ziemet
Contact Address:	278 State St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-224-2833

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Detail:

Manifest ID:	183009
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	7
Waste Units Code:	AD
Waste Code List:	D001

Click this hyperlink while viewing on your computer to access
22 additional MN MANIFEST: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.9376088
Longitude:	-93.076535899999996
Item ID:	27496-AISI0000027496
AI ID:	27496
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27496
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location

COLLINS ELECTRICAL & CONSTRUCTION (Continued) **S119127789**

Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	22646
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Hazardous Waste, Very small quantity generator; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	MND041198714; TS0003467
Program List:	Hazardous Waste; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27496

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147 **M A C/HOLMAN FIELD** **MN LUST** **U000270782**
ENE **645 BAYFIELD ST** **MN UST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.347 mi. **MN SPILLS**
1832 ft. **MN Financial Assurance**
MN WIMN

Relative:
Higher

Actual:
702 ft.

LUST:

Item ID:	190239-AREA0000000001
MNPCA ID:	Not reported
AI ID:	190239
AI Name:	Saint Paul Downtown Airport
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94228043
Longitude:	-93.06543351
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190239
Leak Discovered:	1/25/1989
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	10/17/1994
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	1/25/1989

Item ID:	27531-AREA0000000001
MNPCA ID:	Not reported
AI ID:	27531
AI Name:	M A C/Holman Field
Site Type:	Leak Site
Hydro:	Not reported

M A C/HOLMAN FIELD (Continued) **U000270782**

Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.94228043
Longitude:	-93.06543351
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27531
Leak Discovered:	8/24/1991
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	M A C/Holman Field
Site Closed:	11/23/1992
Owner Address:	645 Bayfield St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	551071007
SI Type:	Underground Storage Tank System
Leak Reported:	8/24/1991

UST:

Item Compart ID:	27531-EQUI0000000001-1
AI ID:	27531
Tank Site ID:	TS0010289
Item ID:	27531-EQUI0000000001
SI Type:	Underground Storage Tank System
SI Design:	005
SI Description:	Not reported
Compartment Number:	1
Substance:	Diesel
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1968-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1991-08-23 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	2000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	M A C/Holman Field
Owner Address:	645 Bayfield St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	551071007
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=27531-TS0010289&programInterest=TS

SRS:

Facility ID:	LS0004458
Item ID:	27531-AREA0000000001
AI ID:	27531
AI Name:	M A C/Holman Field
Facility Type:	Leak Site
Hydro:	Not reported

M A C/HOLMAN FIELD (Continued) **U000270782**

Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.94228043
Longitude:	-93.06543351
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27531
Leak Discovered:	08/24/1991
Leak Reported:	08/24/1991
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/23/1992
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19910001
Act Desc:	Leak Site Investigation
Status:	Closed

Facility ID:	LS0000935
Item ID:	190239-AREA0000000001
AI ID:	190239
AI Name:	Saint Paul Downtown Airport
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94228043
Longitude:	-93.06543351
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190239
Leak Discovered:	01/25/1989
Leak Reported:	01/25/1989
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/17/1994
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported

M A C/HOLMAN FIELD (Continued) **U000270782**

BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW19890001
Act Desc: Leak Site Investigation
Status: Closed

SPILLS:
Program ID: 169119
Preferred ID: 4533
Incident ID: 4533
edr_fcity: ST. PAUL
Incident Date: 1/1/1996
Program: Emergency Management
Incident Types: Spill or Release
Duty Officer Number: Not reported
Lead Investigator: Steve Leppala
Incident Status: Closed or Completed
Closure Type: Not reported
AI ID source: Not reported
Source name: DEPT OF MILITARY AFFAIRS
Source Address: Not reported
Source City: Not reported
Source State: Not reported
Source ZIP: Not reported
Substance: Petroleum Other
Quantity: 0
Units: unknown
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 427018
Facility Address 2: Not reported
Spill Date: Not reported

Program ID: 169119
Facility Address 2: Not reported
Spill Date: 11/11/1900

SPILLS:
Program ID: 169119
Spill Incident Accuracy ID: 64015
Spill Product Code: 34
Spill Qty Units: 15
Spill Incident Accuracy: 3
Spill Released Qty: 0
Tmsp Added: 03/21/1996 00:00:00
Tmsp Last Update: 05/04/2002 06:35:50
Staff ID Last Update: TANKS

M A C/HOLMAN FIELD (Continued) **U000270782**

Program ID: 427018
Preferred ID: 69572
Incident ID: 69572
edr_fcity: ST. PAUL
Incident Date: 4/23/2007
Program: Emergency Management
Incident Types: Spill or Release
Duty Officer Number: 88294
Lead Investigator: Stephen Lee
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: Marathon Petroleum Company
Source Address: 300-3rd St
Source City: St. Paul Park
Source State: MN
Source ZIP: 55071
Substance: Petroleum Other
Quantity: 130
Units: tons
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 427018
Facility Address 2: Not reported
Spill Date: Not reported

Program ID: 169119
Facility Address 2: Not reported
Spill Date: 11/11/1900

SPILLS:
Program ID: 427018
Spill Inc Affected ID: 190298
Spill Inc Affected Code: 6
Tmsp Added: 04/23/2007 15:16:20
Tmsp Last Updated: 04/23/2007 15:16:20
Staff ID Last Update: SLEE

SPILLS:
Program ID: 427018
Spill Incident Accuracy ID: 190298
Spill Product Code: 34
Spill Qty Units: 14
Spill Incident Accuracy: 1
Spill Released Qty: 130
Tmsp Added: 04/23/2007 15:16:20
Tmsp Last Update: 04/23/2007 15:16:20
Staff ID Last Update: SLEE

MN Financial Assurance 1:
PROGRAM ID: 169119
Township Name: Not reported

M A C/HOLMAN FIELD (Continued) **U000270782**

Region:	1
Interest Type:	Spill site
ADDR ID:	260937
Interest Telephone:	Not reported
Preferred ID:	4533
Interest Start Date:	03/21/1996
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	03/21/1996
TMSP Last Update:	11/18/2003 10:29:23
Staff ID Last Update:	TANKS
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199458
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	198157
Interest Telephone:	6512244306
Preferred ID:	10289
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	03/24/2006 12:21:15
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199458
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	41808
Interest Telephone:	NO CORE PI PH.
Preferred ID:	10289
Interest Start Date:	07/23/1992
Interest End Date:	03/24/2006
Activity Flag:	N
TMSP Added:	03/24/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	31808
Country Code:	USA
FOR State:	Not reported

M A C/HOLMAN FIELD (Continued) **U000270782**

FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 213850
Township Name: White Bear
Region: 1
Interest Type: Leak Site
ADDR ID: 260937
Interest Telephone: NO CORE PI PH.
Preferred ID: 935
Interest Start Date: 08/26/1996
Interest End Date: 09/12/2008
Activity Flag: N
TMSP Added: 09/12/2008
TMSP Last Update: 11/10/2014 08:17:06
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 54950208
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 213850
Township Name: Not reported
Region: 1
Interest Type: Deleted Leak Site
ADDR ID: 260937
Interest Telephone: 6127261892
Preferred ID: 935
Interest Start Date: 08/26/1996
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 12/04/1999
TMSP Last Update: 09/12/2008 14:20:37
Staff ID Last Update: CMCLAIN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 217168
Township Name: Not reported
Region: 1
Interest Type: Leak Site
ADDR ID: 41808
Interest Telephone: NO CORE PI PH.
Preferred ID: 4458
Interest Start Date: 08/14/1995
Interest End Date: 03/23/2006
Activity Flag: N
TMSP Added: 03/23/2006

M A C/HOLMAN FIELD (Continued) **U000270782**

TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	31808
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	217168
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	198157
Interest Telephone:	6512244306
Preferred ID:	4458
Interest Start Date:	08/14/1995
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	03/23/2006 13:20:58
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	427018
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	542531
Interest Telephone:	Not reported
Preferred ID:	69572
Interest Start Date:	04/23/2007
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	04/23/2007
TMSP Last Update:	04/23/2007 15:16:20
Staff ID Last Update:	SLEE
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Caller discovered report was never made back on 12/7/06 when contamination was discovered under a utility trench while digging for a construction project. A.T. was contracted by construction company and a sample and profile was taken. The contaminated soil was hauled away to SKB Landfill.

M A C/HOLMAN FIELD (Continued) **U000270782**

Latitude Longitude:

Program Id:	217168
Lat/Long ID:	3672
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	30.9931
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	.107
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:06
TMSP Last Update:	08/03/2004 12:34:06
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	IU
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31808
Spatial ID:	51063941

Program Id:	217168
Lat/Long ID:	58970
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	32.18
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	2.58
Collection Date:	03/12/2010 17:47:41
Lat/Long Description:	Not reported
TMSP Added:	02/24/2001 00:00:00
TMSP Last Update:	03/12/2010 18:15:04
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	T
Source:	CORE
Site ID:	31808
Spatial ID:	51063941

Staff Name:

Program Id:	217168
Staff Sequence ID:	16612
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:13
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	248

M A C/HOLMAN FIELD (Continued) **U000270782**

Program Id:	217168
Staff Sequence ID:	1440
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:03:58
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	3340

Latitude Longitude:

Program Id:	213850
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	09/03/2010 08:35:21
TMSP Last Update:	09/03/2010 08:35:21
Staff ID Last Update:	KJULIEN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	54950208
Spatial ID:	54950210

Program Id:	213850
Lat/Long ID:	141438
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.28
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	2.06
Collection Date:	08/03/2004 12:34:04
Lat/Long Description:	Not reported
TMSP Added:	09/12/2008 14:20:39
TMSP Last Update:	03/30/2010 18:38:26
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	IU
Map Scale Code:	Not reported
Source:	CORE
Site ID:	54950208
Spatial ID:	54950210

M A C/HOLMAN FIELD (Continued) **U000270782**

Staff Name:
Program Id: 213850
Staff Sequence ID: 10214
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:07
TMSP Last Update: 01/20/2012 10:39:35
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: SPS
Staff ID Number: 3234

Program Id: 213850
Staff Sequence ID: 13487
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:11
TMSP Last Update: 01/20/2012 10:39:36
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 3296

Latitude Longitude:
Program Id: 199458
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Not reported
TMSP Added: 06/17/2010 13:55:17
TMSP Last Update: 06/17/2010 13:55:17
Staff ID Last Update: BPALMQU
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 31808
Spatial ID: 51067896

Program Id: 199458
Lat/Long ID: 58970
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 32.18

M A C/HOLMAN FIELD (Continued) **U000270782**

Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	2.58
Collection Date:	03/12/2010 17:47:41
Lat/Long Description:	Not reported
TMSP Added:	02/24/2001 00:00:00
TMSP Last Update:	03/12/2010 18:15:04
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	T
Source:	CORE
Site ID:	31808
Spatial ID:	51067896

Tab Site:

Program Id:	199458
Facility Code:	37
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	05/07/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

WIMN:

Status:	Y
Latitude:	44.9420225
Longitude:	-93.067239499999999
Item ID:	190239-AISI0000190239
AI ID:	190239
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	190239
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805

M A C/HOLMAN FIELD (Continued) **U000270782**

USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	IU
Method Description:	Interpolation Unknown
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	07/01/2016
Timestamp of Creation:	09/12/2008
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	07/01/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	54950209
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0000935
MPCA List:	LS0000935
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190239

WIMN:

Legislative District:	65B
Latitude:	44.94202255
Longitude:	-93.06723958
Activity:	Leak Site
MPCA ID:	935
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=54950208
Coordinate Collection Method:	Interpolation Unknown
Status:	Inactive

Legislative District:	65B
Latitude:	44.94228042
Longitude:	-93.06543351
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31808
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Status:	Y
Latitude:	44.9422736
Longitude:	-93.067385400000006
Item ID:	27531-AISI0000027531
AI ID:	27531
Document ID:	0

M A C/HOLMAN FIELD (Continued) **U000270782**

Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27531
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21748
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0004458; MND982606915; TS0010289
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27531

WIMN:

Legislative District:	65B
Latitude:	44.94202255
Longitude:	-93.06723958
Activity:	Leak Site
MPCA ID:	935
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=54950208
Coordinate Collection Method:	Interpolation Unknown

M A C/HOLMAN FIELD (Continued) **U000270782**

Status:	Inactive
Legislative District:	65B
Latitude:	44.94228042
Longitude:	-93.06543351
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31808
Coordinate Collection Method:	Address Matching House Number
Status:	Active

---

148 South 1/4-1/2 0.353 mi. 1863 ft.

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC S104240458
MN SRS N/A
MN VAPOR

Relative: Higher

Actual: 700 ft.

VIC:

Facility ID:	VP12320
Facility Type:	Brownfield Site
Item ID:	189296-AREA0000000001
AI ID:	189296
AI Name:	Riverview Industrial Park - Lots C4 & C5
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93294144
Longitude:	-93.07078552
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/21/1999
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/18/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP12320
Facility Address 2:	Not reported
Core Program Interest ID:	336613
Link ID:	5187
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8
Score:	0
Enforcement Lead Agency:	MPCA

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Site is parallel and immediately west of Holman Field Airport.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	McCullough Companies purchased this site and took the lead, see continuation via VP12321
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	PJensen
Created Date:	11/08/1999
Last Update Date:	05/17/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	w
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494414.25
Utm North:	4975503.5

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP12320
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2001-10-26 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP12320
Event:	1
Additional Information:	Date unknown (auto-appended event)...
Record Number:	12283

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-01-03 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	None Entered
Record Number:	22866

Date Started:	Not reported
Date End:	2000-08-24 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-27 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	Lake Area Bank for Financing
Record Number:	30398

Date Started:	1999-09-21 00:00:00
Date End:	2001-01-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-01 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	Lorrie Louder signed the application, Melanie Isakson is listed as the applicant
Record Number:	7925

Date Started:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Date End:	1999-11-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-12-07 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	Approval for Phase II Investigation
Record Number:	7986

Date Started:	2000-01-13 00:00:00
Date End:	2000-01-24 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-01 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	5 push probes (GP1-GP5), 2 hand auger borings (SED-1,SED-2), 6 test pits (TP-1-TP-6), 2 grabs of battery casings
Record Number:	8250

Date Started:	1999-10-01 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-28 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	Soil and ground water investigation; start date approximate
Record Number:	8407

Date Started:	Not reported
Date End:	2000-05-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-05-02 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	To Robert McCollough for the purchasing of parcels C4 and C5
Record Number:	8751

Date Started:	Not reported
Date End:	2000-04-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-06-23 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	15 HA (HA-1 through HA-15), 16 Test Pits (TP-1 through TP-16); lead screening using XRF
Record Number:	9017

Date Started:	Not reported
Date End:	2000-08-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-08-16 00:00:00
Facid:	VP12320

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Event: 1
Additional Information: West End Community group meeting - Bob McCollough, Ken Nordby, Melanie Isakson, R.Jolley attended Land Use meeting re: proposed dev.
Record Number: 9476

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 205
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 32.099998
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1.12
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 215
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 7.6199999
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1.02
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 102
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.1999998
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.97799999
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 760
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.58999997
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.61000001
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.0999999
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.80000001
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1.9
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1.6
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1
Date Info Last Updated: 2000-03-01 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-5573
Contact Phone Ext: Not reported
Contact Fax: 651-296-9707
Contact E-mail: rick.jolley@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-11-08 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3294

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-11-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	Saint Paul Port Authority
Contact Address:	1900 Landmark Tower, 345 St. Pete
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-11-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	AET
Contact Address:	550 Cleveland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-11-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	McCullough Companies
Contact Address:	P.O. Box 337
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-01 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	HKS-Civil Engineering, etc
Contact Address:	Raymond Avenue
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516599732
Contact Phone Ext:	Not reported
Contact Fax:	6516590891
Contact E-mail:	don@hksassociates.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-14 00:00:00
Misc Contact Info:	651-603-6003
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	VP12321
Facility Type:	Brownfield Site
Item ID:	189296-AREA0000000002
AI ID:	189296
AI Name:	Riverview Industrial Park - Lots C4 & C5
Hydro:	Jennifer Haas
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93294144
Longitude:	-93.07078552
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	08/22/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP12321
Facility Address 2:	Not reported
Core Program Interest ID:	55131834
Link ID:	5187
Site Type:	Other

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Site is parallel and immediately west of Holman Field Airport.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	see VP12320
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	PJensen
Created Date:	08/22/2000
Last Update Date:	06/18/2012
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	28
Range:	22
PLS Township Suffix:	w
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494414.25
Utm North:	4975503.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP12321
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	8
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	0.5
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	8
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	8
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Industrial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Restriction covenant shall be required for No Action Letter and shall be used to restrict any exc
GW Pump and Treat Used at site:	1
Quaternary Perched:	1

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-01-11 00:00:00
Inst Control Info Updated:	2016-01-11 00:00:00
Inst Control Filed Location:	Preparation of Restrictive Covenant is pending.
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2000-08-22 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-08-22 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	None Entered
Record Number:	38802

Date Started:	Not reported
Date End:	2000-09-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-09-15 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Excavation Contingency Plan
Record Number:	9581

Date Started:	Not reported
Date End:	2000-09-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-09-15 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Pre-Construction Meeting
Record Number:	9582

Date Started:	Not reported
Date End:	2000-10-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-10-23 00:00:00
Facid:	VP12321
Event:	1

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Additional Information:	Sub-slab methane system for building
Record Number:	9812
Date Started:	Not reported
Date End:	2000-11-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-11-03 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Rjolley met AETs Chuck Bisek where we examined where the 6-inches of fill had been added to the casings along the western edge of the wetland.
Record Number:	9854
Date Started:	2000-09-18 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-01-30 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Excavation, Landfilling, reconsolidation associated with site redevelopment and grading
Record Number:	10200
Date Started:	Not reported
Date End:	2001-01-31 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-04-11 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Fax transmittal to Chuck Bisek regarding the November, "Soil Management Plan," see remarks screen for comments provided.
Record Number:	10816
Date Started:	Not reported
Date End:	2001-04-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-04-16 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Soil Management Report Approval Letter
Record Number:	10831

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2010-08-24 00:00:00

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contacts:

Contact Type:	1
Company Name:	American Engineering
Contact Address:	550 Cleveland Avenue
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	McC Company
Contact Address:	P.O. 337
Contact Address 2:	Not reported
Contact Province:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6124143910
Contact Phone Ext:	Not reported
Contact Fax:	6514644815
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	1900 Landmark Tower
Contact Address 2:	345 St. Peter
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245685
Contact Phone Ext:	Not reported
Contact Fax:	6512238198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Not reported
Contact Address:	1994 Rum River Dr. S.C.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126895385
Contact Phone Ext:	Not reported
Contact Fax:	7636895558
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	F.M. Frattalone Excavating & Grading, Inc.
Contact Address:	3066 Spruce Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514840448
Contact Phone Ext:	Not reported
Contact Fax:	6514847839
Contact E-mail:	www.fmfrattalone.com

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-09-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Phoenix Midwest Construction Services (Gen. Cont)
Contact Address:	8085 Wayzata Blvd.
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6128476699
Contact Phone Ext:	Not reported
Contact Fax:	6128476633
Contact E-mail:	paul@parkmidwest.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-09-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	jennifer.haas@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2008-08-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3257

SRS:

Facility ID:	VP12320
Item ID:	189296-AREA0000000001
AI ID:	189296
AI Name:	Riverview Industrial Park - Lots C4 & C5
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93294144
Longitude:	-93.07078552
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/21/1999

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/18/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	8
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19990001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP12320
Facility Adress 2:	Not reported
Core Program Interest ID:	336613
Link ID:	5187
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Site is parallel and immediately west of Holman Field Airport.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	McCullough Companies purchased this site and took the lead, see continuation via VP12321
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	PJensen
Created Date:	11/08/1999
Last Update Date:	05/17/2001
Federal Facility?:	False
Primary Funding Source:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	w
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494414.25
Utm North:	4975503.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP12320
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2001-10-26 00:00:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP12320
Event:	1
Additional Information:	Date unknown (auto-appended event)...
Record Number:	12283

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Date Started:	Not reported
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-01-03 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	None Entered
Record Number:	22866

Date Started:	Not reported
Date End:	2000-08-24 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-27 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	Lake Area Bank for Financing
Record Number:	30398

Date Started:	1999-09-21 00:00:00
Date End:	2001-01-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-01 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	Lorrie Louder signed the application, Melanie Isakson is listed as the applicant
Record Number:	7925

Date Started:	Not reported
Date End:	1999-11-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1999-12-07 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	Approval for Phase II Investigation
Record Number:	7986

Date Started:	2000-01-13 00:00:00
Date End:	2000-01-24 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-01 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	5 push probes (GP1-GP5), 2 hand auger borings (SED-1,SED-2), 6 test pits (TP-1-TP-6), 2 grabs of battery casings
Record Number:	8250

Date Started:	1999-10-01 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-03-28 00:00:00

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Facid:	VP12320
Event:	1
Additional Information:	Soil and ground water investigation; start date approximate
Record Number:	8407
Date Started:	Not reported
Date End:	2000-05-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-05-02 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	To Robert McCollough for the purchasing of parcels C4 and C5
Record Number:	8751
Date Started:	Not reported
Date End:	2000-04-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-06-23 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	15 HA (HA-1 through HA-15), 16 Test Pits (TP-1 through TP-16); lead screening using XRF
Record Number:	9017
Date Started:	Not reported
Date End:	2000-08-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2000-08-16 00:00:00
Facid:	VP12320
Event:	1
Additional Information:	West End Community group meeting - Bob McCollough, Ken Nordby, Melanie Isakson, R.Jolley attended Land Use meeting re: proposed dev.
Record Number:	9476

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	205
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	32.099998
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1.12
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	215
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	7.6199999
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1.02
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	102
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	4.1999998
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	0.97799999
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	760
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	0.58999997
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	0.61000001
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	4.0999999
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	0.80000001
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1.9
Date Info Last Updated:	2000-03-01 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Max Residual Contamination: 1.6
Date Info Last Updated: 2000-03-01 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1
Date Info Last Updated: 2000-03-01 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-5573
Contact Phone Ext: Not reported
Contact Fax: 651-296-9707
Contact E-mail: rick.jolley@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-11-08 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3294

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-11-08 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: Saint Paul Port Authority
Contact Address: 1900 Landmark Tower, 345 St. Pete
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512245686
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-11-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	AET
Contact Address:	550 Cleveland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-11-08 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	McCullough Companies
Contact Address:	P.O. Box 337
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-03-01 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	HKS-Civil Engineering, etc
Contact Address:	Raymond Avenue
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516599732
Contact Phone Ext:	Not reported
Contact Fax:	6516590891
Contact E-mail:	don@hksassociates.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-14 00:00:00
Misc Contact Info:	651-603-6003
Receive Invoice:	F
Staff Id Num:	0

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Facility ID:	VP12321
Item ID:	189296-AREA0000000002
AI ID:	189296
AI Name:	Riverview Industrial Park - Lots C4 & C5
Facility Type:	Brownfield Site
Hydro:	Jennifer Haas
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93294144
Longitude:	-93.07078552
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	08/22/2000
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	8
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20000001
Act Desc:	Brownfield Site
Status:	Not reported

Prior Aug 2016:

Facility ID:	VP12321
Facility Adress 2:	Not reported
Core Program Interest ID:	55131834
Link ID:	5187
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	8
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Site is parallel and immediately west of Holman Field Airport.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	see VP12320
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	PJensen
Created Date:	08/22/2000
Last Update Date:	06/18/2012
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	28
Range:	22
PLS Township Suffix:	w
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494414.25
Utm North:	4975503.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP12321
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	8
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	0.5
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	8
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	8
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Industrial
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Restriction covenant shall be required for No Action Letter and shall be used to restrict any exc
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2016-01-11 00:00:00
Inst Control Info Updated:	2016-01-11 00:00:00
Inst Control Filed Location:	Preparation of Restrictive Covenant is pending.
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 2000-08-22 00:00:00
Date End: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-08-22 00:00:00
Facid: VP12321
Event: 1
Additional Information: None Entered
Record Number: 38802

Date Started: Not reported
Date End: 2000-09-15 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-09-15 00:00:00
Facid: VP12321
Event: 1
Additional Information: Excavation Contingency Plan
Record Number: 9581

Date Started: Not reported
Date End: 2000-09-15 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-09-15 00:00:00
Facid: VP12321
Event: 1
Additional Information: Pre-Construction Meeting
Record Number: 9582

Date Started: Not reported
Date End: 2000-10-19 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-10-23 00:00:00
Facid: VP12321
Event: 1
Additional Information: Sub-slab methane system for building
Record Number: 9812

Date Started: Not reported
Date End: 2000-11-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2000-11-03 00:00:00
Facid: VP12321
Event: 1
Additional Information: Rjolley met AETs Chuck Bisek where we examined where the 6-inches of fill had been added to the casings along the western edge of the wetland.
Record Number: 9854

Date Started: 2000-09-18 00:00:00

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-01-30 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Excavation, Landfilling, reconsolidation associated with site redevelopment and grading
Record Number:	10200

Date Started:	Not reported
Date End:	2001-01-31 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-04-11 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Fax transmittal to Chuck Bisek regarding the November, "Soil Management Plan," see remarks screen for comments provided.
Record Number:	10816

Date Started:	Not reported
Date End:	2001-04-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-04-16 00:00:00
Facid:	VP12321
Event:	1
Additional Information:	Soil Management Report Approval Letter
Record Number:	10831

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2010-08-24 00:00:00

Contacts:

Contact Type:	1
Company Name:	American Engineering
Contact Address:	550 Cleveland Avenue
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516591379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	McC Company
Contact Address:	P.O. 337
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6124143910
Contact Phone Ext:	Not reported
Contact Fax:	6514644815
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	1900 Landmark Tower
Contact Address 2:	345 St. Peter

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245685
Contact Phone Ext:	Not reported
Contact Fax:	6512238198
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Not reported
Contact Address:	1994 Rum River Dr. S.C.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6126895385
Contact Phone Ext:	Not reported
Contact Fax:	7636895558
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-08-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	F.M. Frattalone Excavating & Grading, Inc.
Contact Address:	3066 Spruce Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514840448
Contact Phone Ext:	Not reported
Contact Fax:	6514847839
Contact E-mail:	www.fmfrattalone.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-09-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Phoenix Midwest Construction Services (Gen. Cont)
Contact Address:	8085 Wayzata Blvd.
Contact Address 2:	Suite 100
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6128476699
Contact Phone Ext:	Not reported
Contact Fax:	6128476633

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2 (Continued) **S104240458**

Contact E-mail:	paul@parkmidwest.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-09-15 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1802
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	jennifer.haas@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2008-08-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3257

VAPOR:

Site ID:	VP12320
Delta Site ID:	189296
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189296
AI Name:	Riverview Industrial Park - Lots C4 & C5
Vapor Concern at Site:	Priority Superfund Site
Item ID:	189296-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	Digitized-DRG
Latitude:	44.93294144
Longitude:	-93.07078552

Y149 **XCEL ENERGY - AVIATION SERVICES - SAINT PAUL** **MN MANIFEST** **S119128691**
South **410 BRAVO LN HOLMAN FIELD** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.355 mi.
1875 ft. **Site 2 of 4 in cluster Y**

Relative:
Higher

Actual:
700 ft.

MANIFEST:

Manifest ID:	447632
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-12-31 00:00:00
Gen Ship Date:	1990-12-26 00:00:00
Trans 1 Recd Date:	1990-12-26 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-12-27 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447632
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	27
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	447633
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	9/23/1996 0:00:00
Fac Copy Recd Date:	1996-06-25 00:00:00
Gen Ship Date:	1996-06-20 00:00:00
Trans 1 Recd Date:	1996-06-20 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1996-06-20 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447633
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Waste Code List: D039

Manifest ID: 447634
Generator ID: MND982627275
Generator AI ID: 4531
Transporter 1 ID: ILD984908202
Transporter 1 AI ID: 37702
Transporter 1 AI Name: Safety Kleen Corp
Transporter 1 Address: 1000 N Randall Rd
Transporter 1 City: Elgin
Transporter 1 State: IL
Transporter 1 ZIP: 60123-2318
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported
Transporter 2 ZIP: Not reported
TSD ID: MND981097884
TSD AI ID: 8054
TSD AI Name: Safety-Kleen Systems Inc - Eagan
TSD Address: 3227 Terminal Dr
TSD City: Eagan
TSD State: MN
TSD Zip: 55121
Gen Copy Recd Date: 8/18/1994 0:00:00
Fac Copy Recd Date: 1994-08-17 00:00:00
Gen Ship Date: 1994-08-15 00:00:00
Trans 1 Recd Date: 1994-08-15 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 1994-08-15 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 4531
Generator ID: MND982627275
Generator AI Name: Xcel Energy - Aviation Services - Saint Paul
Generator Contact: Lacey Johnson
Contact Address: 414 Nicollet Mall MP 2
Contact City: Minneapolis
Contact State: MN
Contact Zip: 55401
Contact Email: lacey.johnson@xcelenergy.com
Contact Phone: 612-337-2087

NAIC:
Generator AI ID: 4531
Generator ID: MND982627275
Generator AI Name: Xcel Energy - Aviation Services - Saint Paul
NAIC Code: 221112
NAIC Desc: 221112 - Fossil Fuel Electric Power Generation

Detail:
Manifest ID: 447634
Manifest Row: 1

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	447635
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	2/4/1999 0:00:00
Fac Copy Recd Date:	1998-12-29 00:00:00
Gen Ship Date:	1998-12-23 00:00:00
Trans 1 Recd Date:	1998-12-23 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1998-12-23 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447635
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	447636
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1999-04-05 00:00:00
Gen Ship Date:	1999-03-18 00:00:00
Trans 1 Recd Date:	1999-03-18 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1999-03-18 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447636
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	5
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	447637
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1991-04-18 00:00:00
Gen Ship Date:	1991-04-15 00:00:00
Trans 1 Recd Date:	1991-04-15 00:00:00
Trans 2 Recd Date:	Not reported

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Tsd Recd Date:	1991-04-16 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447637
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	27
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	447638
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	NYD980769947
Transporter 1 AI ID:	31513
Transporter 1 AI Name:	Hazmat Environmental Group Inc
Transporter 1 Address:	4923 Transit Rd
Transporter 1 City:	Clarence
Transporter 1 State:	NY
Transporter 1 ZIP:	14031
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	6/4/1998 0:00:00
Fac Copy Recd Date:	1998-06-26 00:00:00
Gen Ship Date:	1998-06-02 00:00:00
Trans 1 Recd Date:	1998-06-02 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1998-06-05 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447638
Manifest Row:	1
Haz Material Name:	FLAM LIQ NOS
Haz Class Number:	Not reported
UN NA Number:	UN1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	BXPF
Waste Qty:	100
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	447639
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1997-02-20 00:00:00
Gen Ship Date:	1997-02-17 00:00:00
Trans 1 Recd Date:	1997-02-17 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-02-17 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447639
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	447640
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1999-06-18 00:00:00
Gen Ship Date:	1999-06-09 00:00:00
Trans 1 Recd Date:	1999-06-09 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1999-06-09 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447640
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	5
Waste Units Code:	AD

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Waste Code List: D039

Manifest ID: 447641
Generator ID: MND982627275
Generator AI ID: 4531
Transporter 1 ID: ILD051060408
Transporter 1 AI ID: 37854
Transporter 1 AI Name: Safety Kleen Corp Headquarters
Transporter 1 Address: 777 Big Timber Rd
Transporter 1 City: Elgin
Transporter 1 State: IL
Transporter 1 ZIP: 60123-1488
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported
Transporter 2 ZIP: Not reported
TSD ID: MND981097884
TSD AI ID: 8054
TSD AI Name: Safety-Kleen Systems Inc - Eagan
TSD Address: 3227 Terminal Dr
TSD City: Eagan
TSD State: MN
TSD Zip: 55121
Gen Copy Recd Date: 2/17/1993 0:00:00
Fac Copy Recd Date: 1993-02-18 00:00:00
Gen Ship Date: 1993-02-15 00:00:00
Trans 1 Recd Date: 1993-02-15 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 1993-02-15 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 4531
Generator ID: MND982627275
Generator AI Name: Xcel Energy - Aviation Services - Saint Paul
Generator Contact: Lacey Johnson
Contact Address: 414 Nicollet Mall MP 2
Contact City: Minneapolis
Contact State: MN
Contact Zip: 55401
Contact Email: lacey.johnson@xcelenergy.com
Contact Phone: 612-337-2087

NAIC:
Generator AI ID: 4531
Generator ID: MND982627275
Generator AI Name: Xcel Energy - Aviation Services - Saint Paul
NAIC Code: 221112
NAIC Desc: 221112 - Fossil Fuel Electric Power Generation

Detail:
Manifest ID: 447641
Manifest Row: 1

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Haz Material Name:	MINERAL SPIRITS, COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	447642
Generator ID:	MND982627275
Generator AI ID:	4531
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	12/9/1994 0:00:00
Fac Copy Recd Date:	1994-11-08 00:00:00
Gen Ship Date:	1994-11-04 00:00:00
Trans 1 Recd Date:	1994-11-04 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1994-11-04 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4531
Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
Generator Contact:	Lacey Johnson
Contact Address:	414 Nicollet Mall MP 2
Contact City:	Minneapolis
Contact State:	MN
Contact Zip:	55401
Contact Email:	lacey.johnson@xcelenergy.com
Contact Phone:	612-337-2087

NAIC:

Generator AI ID:	4531

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Generator ID:	MND982627275
Generator AI Name:	Xcel Energy - Aviation Services - Saint Paul
NAIC Code:	221112
NAIC Desc:	221112 - Fossil Fuel Electric Power Generation

Detail:

Manifest ID:	447642
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D039

Click this hyperlink while viewing on your computer to access
35 additional MN MANIFEST: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.921960140000003
Longitude:	-93.058237750000004
Item ID:	4531-AISI0000004531
AI ID:	4531
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	4531
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL (Continued) **S119128691**

Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	07/08/1998
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	5629
Activity:	Multiple Activities
Activity List:	Hazardous Waste; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0016986; MND982627275; TS0015445
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Fossil Fuel Electric Power Generation
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4531

Y150 **REGENT AVIATION** **MN VIC S104906293**
South **SEE LOCATION DESCRIPTION** **MN SRS N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.355 mi.
1875 ft. **Site 3 of 4 in cluster Y**

Relative:
Higher

Actual:
700 ft.

VIC:

Facility ID:	VP14100
Facility Type:	Brownfield Site
Item ID:	191181-AREA0000000001
AI ID:	191181
AI Name:	Regent Aviation
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93231201
Longitude:	-93.06261444
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191181
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/23/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/22/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP14100
Facility Address 2:	511/13/15/27/29/601/03/05/07/09/11 Eaton
Core Program Interest ID:	336849

REGENT AVIATION (Continued) **S104906293**

Link ID:	5443
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	26.5
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Holman Field
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	File archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	01/23/2001
Last Update Date:	07/18/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	28
Range:	22
PLS Township Suffix:	w
Section:	8
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported

REGENT AVIATION (Continued) **S104906293**

horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	495059.25
Utm North:	4975433
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP14100
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported

REGENT AVIATION (Continued) **S104906293**

GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2001-01-23 00:00:00
Date End:	2001-01-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-01-24 00:00:00
Facid:	VP14100
Event:	1
Additional Information:	None Entered
Record Number:	10176

Date Started:	Not reported
Date End:	2001-01-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-28 00:00:00
Facid:	VP14100
Event:	1
Additional Information:	AET soil boring investigation to fill in some gaps and provide additional data for NAD
Record Number:	10758

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2006-07-18 00:00:00

Contacts:

Contact Type:	1
Company Name:	The Revocable Trust of Glen D. Nelson & Glen D. Ne
Contact Address:	301 Carlson Parkway, Suite 102

REGENT AVIATION (Continued) **S104906293**

Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9524046000
Contact Phone Ext:	Not reported
Contact Fax:	9524526001
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-01-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Regent Aviation, Inc.
Contact Address:	515 Eaton Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512241100
Contact Phone Ext:	Not reported
Contact Fax:	6512241982
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-02-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	American Engineering Testing, Inc.
Contact Address:	550 Clevland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516491379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-03-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Not reported
Contact Address:	301 Carlson Parkway, Suite 102
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9524045013
Contact Phone Ext:	Not reported

REGENT AVIATION (Continued) **S104906293**

Contact Fax:	9524045001
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-01-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-02-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-02-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

SRS:

Facility ID:	VP14100
Item ID:	191181-AREA0000000001
AI ID:	191181
AI Name:	Regent Aviation
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93231201
Longitude:	-93.06261444
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191181
Leak Discovered:	Not reported

REGENT AVIATION (Continued) **S104906293**

Leak Reported:	Not reported
Application / Notification Received:	01/23/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/22/2001
Owner:	Regent Aviation Inc
Owner Address:	515 Eaton Street
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Acreage:	26.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20010001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP14100
Facility Adress 2:	511/13/15/27/29/601/03/05/07/09/11 Eaton
Core Program Interest ID:	336849
Link ID:	5443
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	26.5
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Holman Field
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	File archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	01/23/2001
Last Update Date:	07/18/2006
Federal Facility?:	False

REGENT AVIATION (Continued) **S104906293**

Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	28
Range:	22
PLS Township Suffix:	w
Section:	8
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	495059.25
Utm North:	4975433
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP14100
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported

REGENT AVIATION (Continued) **S104906293**

Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2001-01-23 00:00:00
Date End:	2001-01-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-01-24 00:00:00
Facid:	VP14100
Event:	1
Additional Information:	None Entered
Record Number:	10176

REGENT AVIATION (Continued) **S104906293**

Date Started:	Not reported
Date End:	2001-01-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-03-28 00:00:00
Facid:	VP14100
Event:	1
Additional Information:	AET soil boring investigation to fill in some gaps and provide additional data for NAD
Record Number:	10758

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2006-07-18 00:00:00

Contacts:

Contact Type:	1
Company Name:	The Revocable Trust of Glen D. Nelson & Glen D. Ne
Contact Address:	301 Carlson Parkway, Suite 102
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9524046000
Contact Phone Ext:	Not reported
Contact Fax:	9524526001
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-01-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Regent Aviation, Inc.
Contact Address:	515 Eaton Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512241100
Contact Phone Ext:	Not reported
Contact Fax:	6512241982
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-02-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1

REGENT AVIATION (Continued) **S104906293**

Company Name:	American Engineering Testing, Inc.
Contact Address:	550 Clevland Avenue North
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516591310
Contact Phone Ext:	Not reported
Contact Fax:	6516491379
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-03-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Not reported
Contact Address:	301 Carlson Parkway, Suite 102
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9524045013
Contact Phone Ext:	Not reported
Contact Fax:	9524045001
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-01-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-02-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported

REGENT AVIATION (Continued) **S104906293**

Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-02-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Y151 **MINNESOTA JET INC** **MN LUST** **S106551389**
South **410 BRAVO LN** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN Financial Assurance**
0.355 mi. **MN WIMN**
1875 ft. **Site 4 of 4 in cluster Y**

Relative:
Higher

Actual:
700 ft.

LUST:

Item ID:	195855-AREA0000000001
MNPCA ID:	Not reported
AI ID:	195855
AI Name:	Minnesota Jet Inc
Site Type:	Leak Site
Hydro:	Bassou Oulgout (former)
Project Manager:	Mark Koplitz (former)
Latitude:	44.93232721
Longitude:	-93.06823308
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195855
Leak Discovered:	3/3/1999
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	4/29/1999
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	3/3/1999

SRS:

Facility ID:	LS0012499
Item ID:	195855-AREA0000000001
AI ID:	195855
AI Name:	Minnesota Jet Inc
Facility Type:	Leak Site
Hydro:	Bassou Oulgout (former)
Project Manager:	Mark Koplitz (former)
Latitude:	44.93232721
Longitude:	-93.06823308
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported

MINNESOTA JET INC (Continued) **S106551389**

WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195855
Leak Discovered:	03/03/1999
Leak Reported:	03/03/1999
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/29/1999
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19990001
Act Desc:	Leak Site Investigation
Status:	Closed

MN Financial Assurance 1:

PROGRAM ID:	224886
Township Name:	White Bear
Region:	1
Interest Type:	Leak Site
ADDR ID:	283278
Interest Telephone:	NO CORE PI PH.
Preferred ID:	12499
Interest Start Date:	11/05/1999
Interest End Date:	12/01/2006
Activity Flag:	N
TMSP Added:	12/01/2006
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	247181
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	224886
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	283278
Interest Telephone:	6512912553
Preferred ID:	12499
Interest Start Date:	11/05/1999
Interest End Date:	Not reported

MINNESOTA JET INC (Continued) **S106551389**

Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	12/01/2006 07:02:26
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	224886
Lat/Long ID:	10448
Latitude Degrees:	44
Latitude Minutes:	55
Latitude Seconds:	47.274
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	41.1404
Collection Date:	Not reported
Lat/Long Description:	Main Site Building
TMSP Added:	08/03/2004 12:34:13
TMSP Last Update:	12/10/2007 16:16:27
Staff ID Last Update:	SCHILD
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	IU
Map Scale Code:	Not reported
Source:	TALES
Site ID:	247181
Spatial ID:	51841473

Program Id:	224886
Lat/Long ID:	133546
Latitude Degrees:	44
Latitude Minutes:	55
Latitude Seconds:	56.34
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	5.61
Collection Date:	10/10/2007 07:27:34
Lat/Long Description:	Not reported
TMSP Added:	12/01/2006 07:02:30
TMSP Last Update:	10/10/2007 07:27:35
Staff ID Last Update:	MAPTOOL
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	DM
Map Scale Code:	Not reported
Source:	CORE
Site ID:	247181
Spatial ID:	51841473

Staff Name:

MINNESOTA JET INC (Continued) **S106551389**

Program Id:	224886
Staff Sequence ID:	23928
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:20
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3311

Program Id:	224886
Staff Sequence ID:	30281
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:27
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	3369

Program Id:	224886
Staff Sequence ID:	8627
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:05
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	3433

WIMN:

Status:	Y
Latitude:	44.932318700000003
Longitude:	-93.068227500000006
Item ID:	195855-AISI0000195855
AI ID:	195855
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	195855
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651

MINNESOTA JET INC (Continued) **S106551389**

City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	12/01/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51841472
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0012499
MPCA List:	LS0012499
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=195855

WIMN:

Legislative District:	65B
Latitude:	44.93231875
Longitude:	-93.06822755
Activity:	Leak Site
MPCA ID:	12499
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=247181
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

AB152 **VIKING DRILL & TOOL INC** **MN VIC** **S108496368**
SW **355 STATE ST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.356 mi. **MN SPILLS**
1879 ft. **Site 1 of 3 in cluster AB** **MN AIRS**
MN ENF
Relative: **MN Financial Assurance**
Higher **MN VAPOR**
Actual: **MN WIMN**
715 ft. **MN NPDES**

VIC:

Facility ID:	VP26600
Facility Type:	Brownfield Site
Item ID:	8073-AREA0000000003
AI ID:	8073
AI Name:	Viking Drill & Tool Inc
Hydro:	Rick Jolley (former)
Project Manager:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=8073
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/04/2010
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/01/2011
Owner:	Viking Drill & Tool, Inc
Owner Address:	355 State St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107

Prior Aug 2016:

Facility ID:	VP26600
Facility Address 2:	Not reported
Core Program Interest ID:	58977619
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	5.23
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	SA

VIKING DRILL & TOOL INC (Continued) **S108496368**

Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	A site located on or near the old State Street DumpPIN Numbers provided by Kelly Jameson:Site with original Viking manufacturing facility: 052822340075Two other parcels referred to as Parcel B and C: 0528224300026 and 052822430027
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	11/04/2010
Last Update Date:	02/16/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Staff Member's Desk
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP26600
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-07-17 00:00:00
Inst Control Info Updated:	2006-07-17 00:00:00

VIKING DRILL & TOOL INC (Continued) **S108496368**

Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: Not reported
Date End: 2011-04-26 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2011-12-12 00:00:00
Facid: VP26600
Event: 1
Additional Information: #684820#Conditioned approval letter
Record Number: 33283

Date Started: Not reported
Date End: 2011-01-27 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2011-12-12 00:00:00
Facid: VP26600
Event: 1
Additional Information: #685525#Report dated January 11, 2011
Record Number: 33285

Date Started: Not reported
Date End: 2011-05-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2011-12-13 00:00:00
Facid: VP26600
Event: 1
Additional Information: Just before DEED Deadline, Deed application never submitted
Record Number: 33301

Date Started: 2010-11-04 00:00:00
Date End: 2011-05-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2010-11-09 00:00:00
Facid: VP26600
Event: 1
Additional Information: None Entered
Record Number: 39029

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Contacts:

Contact Type:	1
Company Name:	Stoel Rives
Contact Address:	333 South Sixth Streeet Suite 4200
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123738803
Contact Phone Ext:	Not reported
Contact Fax:	3123738801
Contact E-mail:	kdjohonson@stoel.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Viking Drill & Tool, Inc.
Contact Address:	355 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512278911
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-03 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	SEH, Inc.
Contact Address:	3535 Vadnais Center Dr
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514902135
Contact Phone Ext:	Not reported
Contact Fax:	6514902150
Contact E-mail:	asunderman@sehinc.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-11-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-11-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Facility ID:	BF0000554
Facility Type:	Brownfield Site
Item ID:	221395-AREA0000000001
AI ID:	221395
AI Name:	Viking Drill and Tool
Hydro:	Mark Toso
Project Manager:	Rick Jolley
Latitude:	44.93564
Longitude:	-93.07673431
Coord Collection Method:	Digitized - Permit Application Map
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221395
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/31/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

BROWNFIELDS:

Site ID:	VP26600
Leak Num:	Not reported
Owner Name:	Viking Drill & Tool, Inc
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	8073-AREA0000000003
AI ID:	8073
AI Name:	Viking Drill & Tool Inc
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Not reported
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=8073
Leak Discovered:	Not reported
Leak Reported:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Application / Notification Received:	11/04/2010
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/01/2011
Owner Address:	355 State St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Latitude:	44.9357307
Longitude:	-93.07668258

Site ID:	BF0000554
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	221395-AREA0000000001
AI ID:	221395
AI Name:	Viking Drill and Tool
Site type:	Brownfield Site
Hydro:	Mark Toso
Project Manager:	Rick Jolley
Coord Collection Method:	Digitized - Permit Application Map
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221395
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/31/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.93564
Longitude:	-93.07673431

SRS:

Facility ID:	BF0000554
Item ID:	221395-AREA0000000001
AI ID:	221395
AI Name:	Viking Drill and Tool
Facility Type:	Brownfield Site
Hydro:	Mark Toso
Project Manager:	Rick Jolley
Latitude:	44.93564
Longitude:	-93.07673431
Coord Collection Method:	Digitized - Permit Application Map
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221395
Leak Discovered:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Leak Reported:	Not reported
Application / Notification Received:	10/31/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	9.44
BPET:	Y
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20170001
Act Desc:	Brownfield Site
Status:	Active / Existing

Facility ID:	VP26600
Item ID:	8073-AREA0000000003
AI ID:	8073
AI Name:	Viking Drill & Tool Inc
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=8073
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/04/2010
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/01/2011
Owner:	Viking Drill & Tool, Inc
Owner Address:	355 State St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Acreage:	5.23
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Activity ID:	SIW20100001
Act Desc:	Brownfield Site
Status:	Closed
Prior Aug 2016:	
Facility ID:	VP26600
Facility Adress 2:	Not reported
Core Program Interest ID:	58977619
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	5.23
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	SA
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	A site located on or near the old State Street DumpPIN Numbers provided by Kelly Jameson:Site with original Viking manufacturing facility: 052822340075Two other parcels referred to as Parcel B and C: 0528224300026 and 052822430027
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	11/04/2010
Last Update Date:	02/16/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293

VIKING DRILL & TOOL INC (Continued) **S108496368**

NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Staff Member's Desk
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP26600
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-07-17 00:00:00
Inst Control Info Updated:	2006-07-17 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	2011-04-26 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-12-12 00:00:00
Facid:	VP26600
Event:	1
Additional Information:	#684820#Conditioned approval letter
Record Number:	33283

Date Started:	Not reported
Date End:	2011-01-27 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-12-12 00:00:00
Facid:	VP26600
Event:	1
Additional Information:	#685525#Report dated January 11, 2011
Record Number:	33285

Date Started:	Not reported
Date End:	2011-05-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-12-13 00:00:00
Facid:	VP26600

VIKING DRILL & TOOL INC (Continued) **S108496368**

Event:	1
Additional Information:	Just before DEED Deadline, Deed application never submitted
Record Number:	33301
Date Started:	2010-11-04 00:00:00
Date End:	2011-05-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2010-11-09 00:00:00
Facid:	VP26600
Event:	1
Additional Information:	None Entered
Record Number:	39029

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	Not reported

Contacts:

Contact Type:	1
Company Name:	Stoel Rives
Contact Address:	333 South Sixth Streeet Suite 4200
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123738803
Contact Phone Ext:	Not reported
Contact Fax:	3123738801
Contact E-mail:	kdjohonson@stoel.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Viking Drill & Tool, Inc.
Contact Address:	355 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512278911
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-03 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T

VIKING DRILL & TOOL INC (Continued) **S108496368**

Staff Id Num:	0
Contact Type:	1
Company Name:	SEH, Inc.
Contact Address:	3535 Vadnais Center Dr
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514902135
Contact Phone Ext:	Not reported
Contact Fax:	6514902150
Contact E-mail:	asunderman@sehinc.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-11-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-11-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

SPILLS:

Program ID:	Not reported
Preferred ID:	Not reported
Incident ID:	102742
edr_fcity:	SAINT PAUL
Incident Date:	11/3/2016
Program:	Emergency Management
Incident Types:	Fire or Explosion
Duty Officer Number:	162274
Lead Investigator:	Doug Bellefeuille
Incident Status:	Closed or Completed
Closure Type:	Response/Action Completed
AI ID source:	Not reported
Source name:	Not reported
Source Address:	Not reported
Source City:	Not reported
Source State:	Not reported
Source ZIP:	Not reported
Substance:	Flame Present
Quantity:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Units: unknown
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 294596
Facility Address 2: Not reported
Spill Date: 06/06/2004

Program ID: 230324
Facility Address 2: Not reported
Spill Date: 03/26/2001

Program ID: Not reported
Preferred ID: Not reported
Incident ID: 102742
edr_fcity: SAINT PAUL
Incident Date: 11/3/2016
Program: Emergency Management
Incident Types: Fire or Explosion
Duty Officer Number: 162274
Lead Investigator: Doug Bellefeuille
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: Not reported
Source Address: Not reported
Source City: Not reported
Source State: Not reported
Source ZIP: Not reported
Substance: Sodium Chloride
Quantity: Not reported
Units: unknown
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 294596
Facility Address 2: Not reported
Spill Date: 06/06/2004

Program ID: 230324
Facility Address 2: Not reported
Spill Date: 03/26/2001

Program ID: Not reported
Preferred ID: Not reported
Incident ID: 102742
edr_fcity: SAINT PAUL
Incident Date: 11/3/2016
Program: Emergency Management
Incident Types: Fire or Explosion
Duty Officer Number: 162274
Lead Investigator: Doug Bellefeuille

VIKING DRILL & TOOL INC (Continued) **S108496368**

Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: Not reported
Source Address: Not reported
Source City: Not reported
Source State: Not reported
Source ZIP: Not reported
Substance: Calcium Chloride
Quantity: Not reported
Units: unknown
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 294596
Facility Address 2: Not reported
Spill Date: 06/06/2004

Program ID: 230324
Facility Address 2: Not reported
Spill Date: 03/26/2001

Program ID: 294596
Preferred ID: 61460
Incident ID: 61460
edr_fcity: ST. PAUL
Incident Date: 6/6/2004
Program: Emergency Management
Incident Types: Spill or Release
Duty Officer Number: 60878
Lead Investigator: Not reported
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: Viking Drill & Tool
Source Address: 355 State St
Source City: St. Paul
Source State: MN
Source ZIP: 55107
Substance: Not reported
Quantity: Not reported
Units: Not reported
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 294596
Facility Address 2: Not reported
Spill Date: 06/06/2004

Program ID: 230324
Facility Address 2: Not reported
Spill Date: 03/26/2001

VIKING DRILL & TOOL INC (Continued) **S108496368**

Program ID:	230324
Preferred ID:	54142
Incident ID:	54142
edr_fcity:	ST. PAUL
Incident Date:	3/26/2001
Program:	Emergency Management
Incident Types:	Spill or Release
Duty Officer Number:	25562
Lead Investigator:	Stephen Lee
Incident Status:	Closed or Completed
Closure Type:	No Action Necessary
AI ID source:	Not reported
Source name:	Viking Drill
Source Address:	355 State St
Source City:	St. Paul
Source State:	MN
Source ZIP:	55107
Substance:	Other
Quantity:	5
Units:	gallons
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	294596
Facility Address 2:	Not reported
Spill Date:	06/06/2004

Program ID:	230324
Facility Address 2:	Not reported
Spill Date:	03/26/2001

SPILLS:

Program ID:	230324
Spill Inc Affected ID:	152749
Spill Inc Affected Code:	2
Tmsp Added:	04/06/2001 15:35:16
Tmsp Last Updated:	05/04/2002 10:00:24
Staff ID Last Update:	TANKS

SPILLS:

Program ID:	230324
Spill Incident Accuracy ID:	152748
Spill Product Code:	21
Spill Qty Units:	5
Spill Incident Accuracy:	1
Spill Released Qty:	5
Tmsp Added:	04/06/2001 15:35:16
Tmsp Last Update:	05/04/2002 10:00:24
Staff ID Last Update:	TANKS

MN AIRS:

Facility ID:	12300707
File Number:	3893

VIKING DRILL & TOOL INC (Continued) **S108496368**

Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	1283.6
Emissions (tons):	0.6418

Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	855.8
Emissions (tons):	0.4279
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing

VIKING DRILL & TOOL INC (Continued) **S108496368**

Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	10344
Emissions (tons):	5.172
Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107

VIKING DRILL & TOOL INC (Continued) **S108496368**

Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	9776
Emissions (tons):	4.888

Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R

VIKING DRILL & TOOL INC (Continued) **S108496368**

Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	24440
Emissions (tons):	12.22
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	1283.6
Emissions (tons):	0.6418

VIKING DRILL & TOOL INC (Continued) **S108496368**

Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	11604
Emissions (tons):	5.802

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307

VIKING DRILL & TOOL INC (Continued) **S108496368**

Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	24260
Emissions (tons):	12.13

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	1283.6
Emissions (tons):	0.6418
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal

VIKING DRILL & TOOL INC (Continued) **S108496368**

Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Trichloroethylene
Emissions (lb):	24440
Emissions (tons):	12.22

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard

VIKING DRILL & TOOL INC (Continued) **S108496368**

Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4

VIKING DRILL & TOOL INC (Continued) **S108496368**

Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	15540
Emissions (tons):	7.77
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

VIKING DRILL & TOOL INC (Continued) **S108496368**

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307

VIKING DRILL & TOOL INC (Continued) **S108496368**

Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	17440
Emissions (tons):	8.72
Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal

VIKING DRILL & TOOL INC (Continued) **S108496368**

Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

NAICS:	332216
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	17980
Emissions (tons):	8.99
Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Trichloroethylene
Emissions (lb):	17980
Emissions (tons):	8.99
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	14160
Emissions (tons):	7.08

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0

VIKING DRILL & TOOL INC (Continued) **S108496368**

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307

VIKING DRILL & TOOL INC (Continued) **S108496368**

Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	20139.99939
Emissions (tons):	10.069999695

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	F

VIKING DRILL & TOOL INC (Continued) **S108496368**

Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	17819.999695
Emissions (tons):	8.9099998474
Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	19139.99939
Emissions (tons):	9.5699996948

VIKING DRILL & TOOL INC (Continued) **S108496368**

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Trichloroethylene
Emissions (lb):	23100
Emissions (tons):	11.55

Facility ID:	12300707
File Number:	3893
Fedral/State:	F
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307

VIKING DRILL & TOOL INC (Continued) **S108496368**

Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	Pt 70/Limits to Avoid NSR
Action ID:	3
Effective Start:	06/25/2008
Expiration Date:	06/25/2013
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	23100
Emissions (tons):	11.55

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	855.8
Emissions (tons):	0.4279
Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	22580
Emissions (tons):	11.29

Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	855.8
Emissions (tons):	0.4279

Facility ID:	12300707
File Number:	3893
Fedral/State:	Federal
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Neal Grandlienard
Contact Phone:	(651) 227-8913
Contact Fax:	(651) 227-1793
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	3545
SIC Code 2:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

NAICS:	332216
Permip Program Type:	Pt 70/True Minor for NSR
Action ID:	4
Effective Start:	11/25/2014
Expiration Date:	11/25/2019
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	3893
Fedral/State:	Not reported
Mail Address:	355 State St
Mail City,St,Zip:	St. Paul, MN 55165
Contact Name:	Mai Lor
Contact Phone:	(651) 268-5114
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332212
Permip Program Type:	R
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300707
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9357307
Longitude:	-93.07668258
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	332216
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Ammonia

VIKING DRILL & TOOL INC (Continued) **S108496368**

Emissions (lb): 0
Emissions (tons): 0

MN Enforcement Log :
Facility ID: 12300707
Violation: Not reported
Determined Date: Not reported
Determined By: Not reported
Responsible Agency: Not reported
RTC Date: Not reported
Enforcement Sequence: Not reported
Effective End Date: 01/13/2017
Enforcement Type: Notice of Violation
Lead Agency: Not reported
Sequence: Not reported
AI ID: 8073
Activity ID: NON20170001
Public Flag: Y
Latitude: Not reported
Longitude: Not reported
Coord Collect Meth Desc: Not reported
Mailing Address1: 355 State St
Mailing City Name: Saint Paul
Mailing State Code: MN
Mailing Zip Code: 55107
Responsible Party: Viking Drill & Tool Inc (Saint Paul, MN)
Zero Date: 11/30/2016
Case Closed: 3/7/2017
Case Lead: Brent Rohne
Attorney Assigned: Not reported
Lead Program: Air
Multimedia: N
Multimedia Desc: N
SEP Amount: 0
Calculated: Not reported
Citation: Not reported
Civil: Not reported
Forgivable: Not reported
Incurred - Administrative: Not reported
Incurred - Civil: Not reported
Interest: Not reported
Nonforgivable: Not reported
Not Abated: Not reported
SEP Abandonment: Not reported
Grand Total: Not reported

MN Financial Assurance 1:
PROGRAM ID: 211408
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 16881
Interest Telephone: NO CORE PI PH.
Preferred ID: 55303
Interest Start Date: 09/06/1996
Interest End Date: Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

Activity Flag:	Y
TMSP Added:	03/24/2006
TMSP Last Update:	03/24/2006 12:22:07
Staff ID Last Update:	TALES
Source:	CORE
Source ID:	7130
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	211408
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	188135
Interest Telephone:	6512278911
Preferred ID:	55303
Interest Start Date:	09/06/1996
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	09/06/1996
TMSP Last Update:	03/24/2006 12:22:07
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	230324
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	188135
Interest Telephone:	Not reported
Preferred ID:	54142
Interest Start Date:	04/06/2001
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	04/06/2001
TMSP Last Update:	01/05/2006 15:42:03
Staff ID Last Update:	JFLODQU
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	**No file** Vapor degreaser chiller line froze overnight and ruptured upon start up this morning. Floor dri and mops used to clean up. Spilled mixture put with waste trichlorethylene for disposal.

PROGRAM ID:	294596

VIKING DRILL & TOOL INC (Continued) **S108496368**

Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	188135
Interest Telephone:	Not reported
Preferred ID:	61460
Interest Start Date:	07/14/2004
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/14/2004
TMSP Last Update:	10/14/2005 12:24:37
Staff ID Last Update:	JFLODQU
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	**No file** Caller stated that a under size return pump caused the release. Caller was not sure if the released material went into the sanitary sewer or the one used to separate oil and water. Caller wanted to error on the side of caution.

Latitude Longitude:

Program Id:	211408
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	11/08/2010 17:28:58
TMSP Last Update:	11/08/2010 17:28:58
Staff ID Last Update:	SVANPAT
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	7130
Spatial ID:	51069480

Program Id:	211408
Lat/Long ID:	5778
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	8.63
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	36.02
Collection Date:	11/06/2013 11:02:20
Lat/Long Description:	Site along road used for address match
TMSP Added:	05/18/2000 19:33:49

VIKING DRILL & TOOL INC (Continued) **S108496368**

TMSP Last Update:	11/06/2013 11:02:20
Staff ID Last Update:	MAPTOOL
Coord Source Type:	U
Org Name Source:	Not reported
Coord Coll Meth:	DM
Map Scale Code:	J
Source:	CORE
Site ID:	7130
Spatial ID:	51069480

Tab Site:

Program Id:	211408
Facility Code:	19
Above or Under Code:	1
Indian Reservation:	N
Ust Registration Date:	Not reported
Ast Registration Date:	08/23/1996 00:00:00
TMSP Added:	09/06/1996 16:17:33
TMSP Last Update:	05/23/2003 09:21:05
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

VAPOR:

Site ID:	BF0000554
Delta Site ID:	221395
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221395
AI Name:	Viking Drill and Tool
Vapor Concern at Site:	Other sites where vapor exceeded standards
Item ID:	221395-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	Digitized - Permit Application Map
Latitude:	44.93564
Longitude:	-93.07673431

Site ID:	BF0000554
Delta Site ID:	221395
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221395
AI Name:	Viking Drill and Tool
Vapor Concern at Site:	Other sites that have had vapor concerns
Item ID:	221395-AREA0000000001
Site Type:	Brownfield Site
Method Desc:	Digitized - Permit Application Map
Latitude:	44.93564
Longitude:	-93.07673431

WIMN:

Status:	Y
Latitude:	44.935648
Longitude:	-93.076741999999996
Item ID:	221395-AISI0000221395
AI ID:	221395
Document ID:	0

VIKING DRILL & TOOL INC (Continued) **S108496368**

Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	221395
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	CEN
Ref Description:	Center of Feature Represented
Location Verified Flag:	N
Collection Date:	11/06/2017
Timestamp of Creation:	11/01/2017
User Name of Creator:	RSP
Timestamp of Last Update:	11/06/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Brownfields, Petroleum Brownfield and Voluntary Investigation and Cleanup
Activity List:	Brownfields, Petroleum Brownfield and Voluntary Investigation and Cleanup
MPCA ID:	BF0000554
MPCA List:	BF0000554
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=221395

WIMN:

Legislative District:	65B
Latitude:	44.93573070
Longitude:	-93.07667229
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=7130
Coordinate Collection Method:	Digitized - Map Tool

VIKING DRILL & TOOL INC (Continued) **S108496368**

Status: Active

NPDES:

Envid:	S108496368
Facility Name:	VIKING DRILL & TOOL INC
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNRNE35BD
Preferred ID:	Not reported
Activity Sys ID:	8073
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	08/27/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9357307
Longitude Degree:	-93.0766722
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Viking Drill & Tool, Inc
Owner Organization Type:	Not reported
Permit Sys ID:	96534
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	2
Activity Description:	Manufacturer of twist drill bits, drill bits are manufactured from raw bar/coil stock or blanks, manufacturing processes include a variety of machining, heat treating, cleaning, marking and packaging operations (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	AB
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported

VIKING DRILL & TOOL INC (Continued) **S108496368**

FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported
Envid:	S108496368
Facility Name:	VIKING DRILL & TOOL INC
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNRNE3929
Preferred ID:	Not reported
Activity Sys ID:	8073
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9357307
Longitude Degree:	-93.0766722
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Viking Drill & Tool, Inc
Owner Organization Type:	Not reported
Permit Sys ID:	129891
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	0
Activity Description:	Manufacturer of twist drill bits, drill bits are manufactured from raw bar/coil stock or blanks, manufacturing processes include a variety of machining, heat treating, cleaning, marking and packaging operations. (Waterbody <1 Mile? N.)
No Exposure:	Yes

VIKING DRILL & TOOL INC (Continued) **S108496368**

One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	AB
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

AB153 **VIKING DRILL AND TOOL** **MN VIC S110668555**
SW **SEE LOCATION DESCRIPTION** **MN SRS N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.356 mi.
1879 ft. **Site 2 of 3 in cluster AB**

Relative: **Higher**
Actual: **715 ft.**

VIC:

Facility ID:	VP5921
Facility Type:	Brownfield Site
Item ID:	185515-AREA0000000004
AI ID:	185515
AI Name:	State Street Dump
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)

VIKING DRILL AND TOOL (Continued) **S110668555**

Latitude:	44.9357307
Longitude:	-93.07668258
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/26/2014
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/14/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP5921
Facility Address 2:	Not reported
Core Program Interest ID:	55131498
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	True
Pay Complete:	False
MPCA Region:	Metro
Site Size:	3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	SA
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	A site located on or near the old State Street DumpFile archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	06/19/1998
Last Update Date:	03/28/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B

VIKING DRILL AND TOOL (Continued) **S110668555**

Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5921
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported

VIKING DRILL AND TOOL (Continued) **S110668555**

Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-07-17 00:00:00
Inst Control Info Updated:	2006-07-17 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1995-10-26 00:00:00
Date End:	1998-04-14 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP5921
Event:	1
Additional Information:	None
Record Number:	3572

Date Started:	1998-06-19 00:00:00
Date End:	1998-06-19 00:00:00
Planned Start Date:	Not reported

VIKING DRILL AND TOOL (Continued) **S110668555**

Planned End Date: Not reported
Last Update: 1998-07-28 00:00:00
Facid: VP5921
Event: 1
Additional Information: None
Record Number: 5214

Date Started: 1998-06-19 00:00:00
Date End: 1998-06-19 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-07-28 00:00:00
Facid: VP5921
Event: 1
Additional Information: None
Record Number: 5215

Date Started: Not reported
Date End: 1997-09-16 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-04-25 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 13856

Date Started: Not reported
Date End: 1997-12-23 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-05-08 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 13955

Date Started: Not reported
Date End: 1997-12-23 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-05-08 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 13956

Date Started: 2014-11-26 00:00:00
Date End: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2014-12-16 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 39912

VIKING DRILL AND TOOL (Continued) **S110668555**

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	Not reported

Contacts:

Contact Type:	1
Company Name:	Viking Drill & Tool, Inc.
Contact Address:	355 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-03 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported

VIKING DRILL AND TOOL (Continued) **S110668555**

Contact Information Last Updated:	2015-01-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	Viking Drill & Tool, Inc.
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2016-02-04 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	(651) 296-9707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1

VIKING DRILL AND TOOL (Continued) **S110668555**

Company Name:	Mackall, Crouse & Moore PLC
Contact Address:	1400 AT&T Tower
Contact Address 2:	901 Marquette Avenue
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123051400
Contact Phone Ext:	Not reported
Contact Fax:	6123051414
Contact E-mail:	mcm@mcmlaw.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP5921
Item ID:	185515-AREA0000000004
AI ID:	185515
AI Name:	State Street Dump
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Latitude:	44.9357307
Longitude:	-93.07668258
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/26/2014
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/14/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	3
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP5921

VIKING DRILL AND TOOL (Continued) **S110668555**

Facility Adress 2:	Not reported
Core Program Interest ID:	55131498
Link ID:	836
Site Type:	Dump (Unpermitted)
Active?:	True
Pay Complete:	False
MPCA Region:	Metro
Site Size:	3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	SA
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	A site located on or near the old State Street DumpFile archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	06/19/1998
Last Update Date:	03/28/2016
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported

VIKING DRILL AND TOOL (Continued) **S110668555**

verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494185.20856
Utm North:	4976161.4704700001
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP5921
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1

VIKING DRILL AND TOOL (Continued) **S110668555**

Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-07-17 00:00:00
Inst Control Info Updated:	2006-07-17 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1995-10-26 00:00:00
Date End:	1998-04-14 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP5921
Event:	1
Additional Information:	None
Record Number:	3572

Date Started:	1998-06-19 00:00:00
Date End:	1998-06-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-07-28 00:00:00
Facid:	VP5921
Event:	1
Additional Information:	None
Record Number:	5214

Date Started:	1998-06-19 00:00:00
Date End:	1998-06-19 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-07-28 00:00:00
Facid:	VP5921
Event:	1
Additional Information:	None
Record Number:	5215

Date Started:	Not reported
Date End:	1997-09-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported

VIKING DRILL AND TOOL (Continued) **S110668555**

Last Update: 2002-04-25 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 13856

Date Started: Not reported
Date End: 1997-12-23 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-05-08 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 13955

Date Started: Not reported
Date End: 1997-12-23 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-05-08 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 13956

Date Started: 2014-11-26 00:00:00
Date End: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2014-12-16 00:00:00
Facid: VP5921
Event: 1
Additional Information: None Entered
Record Number: 39912

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: Not reported

Contacts:
Contact Type: 1
Company Name: Viking Drill & Tool, Inc.
Contact Address: 355 State Street
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported

VIKING DRILL AND TOOL (Continued) **S110668555**

Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-03 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-01-20 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	Viking Drill & Tool, Inc.
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2016-02-04 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

VIKING DRILL AND TOOL (Continued) **S110668555**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	(651) 296-9707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6122967999
Contact Phone Ext:	Not reported
Contact Fax:	6122969707
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

Contact Type:	1
Company Name:	Mackall, Crouse & Moore PLC
Contact Address:	1400 AT&T Tower
Contact Address 2:	901 Marquette Avenue
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123051400
Contact Phone Ext:	Not reported
Contact Fax:	6123051414
Contact E-mail:	mcm@mcmlaw.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	Not reported
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

AA154 **295 STATE STREET** **MN INST CONTROL** **S113904655**
WSW **295 STATE ST** **MN VIC** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN BROWNFIELDS**
0.361 mi. **MN SRS**
1905 ft. **Site 2 of 2 in cluster AA** **MN WIMN**

Relative: Lower

Actual: 698 ft.

INST CONTROL:

Site ID:	186607
Latitude:	44.9368877
Longitude:	-93.0772453
Owner Name:	Lee Holding LLC
Program Name:	Investigation and Cleanup
Active:	Y
Activity Type Name:	Brownfields
Activity Sub Type Name:	Voluntary Investigation and Cleanup
Industrial Classification:	Not reported
Activity ID:	VP30400
Activity Name:	295 State Street
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized - MPCA internal mapping application
Institutional Control:	Y
District:	4

VIC:

Facility ID:	VP30400
Facility Type:	Brownfield Site
Item ID:	186607-AREA0000000001
AI ID:	186607
AI Name:	295 State Street
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Latitude:	44.93689223
Longitude:	-93.07725514
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186607
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/31/2013
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/12/2003
Owner:	Lee Holding LLC
Owner Address:	295 State Street
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107

Prior Aug 2016:

Facility ID:	VP30400
Facility Address 2:	Not reported
Core Program Interest ID:	66678907
Link ID:	7441
Site Type:	Other
Active?:	False
Pay Complete:	False

295 STATE STREET (Continued) **S113904655**

MPCA Region:	Metro
Site Size:	3.5
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	07/31/2013
Last Update Date:	12/19/2014
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported

295 STATE STREET (Continued) **S113904655**

Utm Accuracy:	Not reported
Utm East:	493893.06
Utm North:	4975939.2060000002
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP30400
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1

295 STATE STREET (Continued) **S113904655**

Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2013-07-31 00:00:00
Date End:	2003-02-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2013-08-07 00:00:00
Facid:	VP30400
Event:	1
Additional Information:	None Entered
Record Number:	37209

Date Started:	2003-01-22 00:00:00
Date End:	2003-02-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2013-08-28 00:00:00
Facid:	VP30400
Event:	1
Additional Information:	Restrictive Covenant Filed on property as part of State Street Vacant Land site
Record Number:	37369

Date Started:	Not reported
Date End:	2013-09-03 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2013-10-30 00:00:00
Facid:	VP30400
Event:	1
Additional Information:	#1140380 Approval of CCP
Record Number:	38024

Date Started:	2013-09-05 00:00:00
Date End:	2013-09-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2014-03-05 00:00:00
Facid:	VP30400
Event:	1
Additional Information:	Excavation for new addition, 150 cy excavated

295 STATE STREET (Continued) **S113904655**

Record Number: 38403

Contacts:

Contact Type:	1
Company Name:	Lee Holding, LLC
Contact Address:	295 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516049448
Contact Phone Ext:	Not reported
Contact Fax:	6516049901
Contact E-mail:	jptradingus@yahoo.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-07 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Lee Holding, LLC
Contact Address:	295 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516049448
Contact Phone Ext:	Not reported
Contact Fax:	6516049901
Contact E-mail:	jptradingus@yahoo.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-07 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Vieau Associates Inc.
Contact Address:	7710 Computer Ave., Suite 102
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9528937931
Contact Phone Ext:	Not reported
Contact Fax:	9528937932
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-07 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N

295 STATE STREET (Continued) **S113904655**

Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

BROWNFIELDS:

Site ID:	VP30400
Leak Num:	Not reported
Owner Name:	Lee Holding LLC
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	186607-AREA0000000001
AI ID:	186607
AI Name:	295 State Street
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186607
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/31/2013
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/12/2003
Owner Address:	295 State Street

295 STATE STREET (Continued) **S113904655**

Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Latitude:	44.93689223
Longitude:	-93.07725514

SRS:

Facility ID:	VP30400
Item ID:	186607-AREA0000000001
AI ID:	186607
AI Name:	295 State Street
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Latitude:	44.93689223
Longitude:	-93.07725514
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186607
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/31/2013
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	02/12/2003
Owner:	Lee Holding LLC
Owner Address:	295 State Street
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Acreage:	3.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Y
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20130001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP30400
Facility Adress 2:	Not reported
Core Program Interest ID:	66678907
Link ID:	7441
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	3.5
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False

295 STATE STREET (Continued) **S113904655**

Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	07/31/2013
Last Update Date:	12/19/2014
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	493893.06
Utm North:	4975939.2060000002
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported

295 STATE STREET (Continued) **S113904655**

Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP30400
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1

295 STATE STREET (Continued) **S113904655**

Mt Simon Hinckley: 1
Precambrian Undefferentiated: 1
Other/Unknown Aquifier: 1
Date Info Last Updated: 2015-08-18 12:45:00
Inst Control Info Updated: Not reported
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 2013-07-31 00:00:00
Date End: 2003-02-12 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2013-08-07 00:00:00
Facid: VP30400
Event: 1
Additional Information: None Entered
Record Number: 37209

Date Started: 2003-01-22 00:00:00
Date End: 2003-02-12 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2013-08-28 00:00:00
Facid: VP30400
Event: 1
Additional Information: Restrictive Covenant Filed on property as part of State Street Vacant Land site
Record Number: 37369

Date Started: Not reported
Date End: 2013-09-03 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2013-10-30 00:00:00
Facid: VP30400
Event: 1
Additional Information: #1140380 Approval of CCP
Record Number: 38024

Date Started: 2013-09-05 00:00:00
Date End: 2013-09-12 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2014-03-05 00:00:00
Facid: VP30400
Event: 1
Additional Information: Excavation for new addition, 150 cy excavated
Record Number: 38403

Contacts:
Contact Type: 1
Company Name: Lee Holding, LLC

295 STATE STREET (Continued) **S113904655**

Contact Address:	295 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516049448
Contact Phone Ext:	Not reported
Contact Fax:	6516049901
Contact E-mail:	jptradingus@yahoo.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-07 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Lee Holding, LLC
Contact Address:	295 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516049448
Contact Phone Ext:	Not reported
Contact Fax:	6516049901
Contact E-mail:	jptradingus@yahoo.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-07 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Vieau Associates Inc.
Contact Address:	7710 Computer Ave., Suite 102
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9528937931
Contact Phone Ext:	Not reported
Contact Fax:	9528937932
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-07 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475

295 STATE STREET (Continued) **S113904655**

Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572475
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-08-12 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

WIMN:

Status:	Y
Latitude:	44.9368877
Longitude:	-93.077245300000001
Item ID:	186607-AISI0000186607
AI ID:	186607
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	186607
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported

295 STATE STREET (Continued) **S113904655**

PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	08/07/2013
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	66678905
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP30400
MPCA List:	VP30400
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186607

WIMN:

Legislative District:	65B
Latitude:	44.93688779
Longitude:	-93.07724534
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	VP30400
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=66678904
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

AC155 **240 PLATO** **MN VIC** **S106114349**
West **240 PLATO BLVD EAST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.365 mi. **MN LS**
1926 ft. **Site 1 of 3 in cluster AC** **MN VAPOR**
MN WIMN

Relative:
Higher

Actual:
701 ft.

VIC:

Facility ID:	VP18330
Facility Type:	Brownfield Site
Item ID:	188777-AREA0000000001
AI ID:	188777
AI Name:	Hydralift-Amclyde
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93917027
Longitude:	-93.07724555
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
Leak Discovered:	Not reported

240 PLATO (Continued) **S106114349**

Leak Reported:	Not reported
Application / Notification Received:	11/12/2003
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/07/2004
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP18330
Facility Address 2:	245 Lafayette Road
Core Program Interest ID:	337318
Link ID:	6058
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.01
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	One site with 2 contiguous buildings - each building has a separate address.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	One site with 2 contiguous buildings - each building has a separate address.
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	11/12/2003
Last Update Date:	05/18/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported

240 PLATO (Continued) **S106114349**

Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	493892.56
Utm North:	4976193
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP18330
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported

240 PLATO (Continued) **S106114349**

Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2004-06-22 00:00:00
Inst Control Info Updated:	2004-06-22 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2003-11-12 00:00:00
Date End:	2004-01-07 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2003-11-13 00:00:00
Facid:	VP18330
Event:	1
Additional Information:	None Entered
Record Number:	17615

Date Started:	2004-01-07 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-01-08 00:00:00
Facid:	VP18330
Event:	1

240 PLATO (Continued) **S106114349**

Additional Information: Plato 4 Partners, First Federal Capital Bank National Oil Well 245 Lafayette Rd LLP
Record Number: 17964

Contacts:

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-5573
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2003-11-13 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3294

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2003-11-13 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: Plato Partners
Contact Address: 3936 Tamiami Tr. N.
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2392616656
Contact Phone Ext: Not reported
Contact Fax: 2392611677
Contact E-mail: findane@earthlink.net
Contact Cell Phone: Not reported
Contact Information Last Updated: 2003-11-13 00:00:00
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: 0

Contact Type: 1

240 PLATO (Continued) **S106114349**

Company Name:	Legend Technical Services, Inc.
Contact Address:	775 Vandalia Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516421150
Contact Phone Ext:	Not reported
Contact Fax:	6516421239
Contact E-mail:	info@legend-group.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-11-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	BF0000515
Facility Type:	Brownfield Site
Item ID:	188777-AREA0000000002
AI ID:	188777
AI Name:	Hydralift-Amclyde
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Latitude:	44.93862397
Longitude:	-93.0771585
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/05/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/07/2018
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

BROWNFIELDS:

Site ID:	VP18330
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	188777-AREA0000000001
AI ID:	188777
AI Name:	Hydralift-Amclyde
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized - MPCA internal mapping application

240 PLATO (Continued) **S106114349**

Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/12/2003
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/07/2004
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93917027
Longitude:	-93.07724555

Site ID:	BF0000515
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	188777-AREA0000000002
AI ID:	188777
AI Name:	Hydralift-Amclyde
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/05/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/07/2018
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.93862397
Longitude:	-93.0771585

SRS:

Facility ID:	VP18330
Item ID:	188777-AREA0000000001
AI ID:	188777
AI Name:	Hydralift-Amclyde
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93917027
Longitude:	-93.07724555

240 PLATO (Continued) **S106114349**

Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/12/2003
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/07/2004
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	2.01
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20030001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP18330
Facility Adress 2:	245 Lafayette Road
Core Program Interest ID:	337318
Link ID:	6058
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2.01
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	One site with 2 contiguous buildings - each building has a separate address.
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	One site with 2 contiguous buildings - each building has a separate address.
Indian Reservation Land?:	False

240 PLATO (Continued) **S106114349**

Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	11/12/2003
Last Update Date:	05/18/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	493892.56
Utm North:	4976193
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

240 PLATO (Continued) **S106114349**

Impact and Response Actions:

Facid:	VP18330
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2004-06-22 00:00:00
Inst Control Info Updated:	2004-06-22 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2003-11-12 00:00:00
Date End:	2004-01-07 00:00:00
Planned Start Date:	Not reported

240 PLATO (Continued) **S106114349**

Planned End Date:	Not reported
Last Update:	2003-11-13 00:00:00
Facid:	VP18330
Event:	1
Additional Information:	None Entered
Record Number:	17615
Date Started:	2004-01-07 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-01-08 00:00:00
Facid:	VP18330
Event:	1
Additional Information:	Plato 4 Partners, First Federal Capital Bank National Oil Well 245 Lafayette Rd LLP
Record Number:	17964

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-11-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-11-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	Plato Partners
Contact Address:	3936 Tamiami Tr. N.
Contact Address 2:	Not reported

240 PLATO (Continued) **S106114349**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	2392616656
Contact Phone Ext:	Not reported
Contact Fax:	2392611677
Contact E-mail:	findane@earthlink.net
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-11-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Legend Technical Services, Inc.
Contact Address:	775 Vandalia Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516421150
Contact Phone Ext:	Not reported
Contact Fax:	6516421239
Contact E-mail:	info@legend-group.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-11-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	BF0000515
Item ID:	188777-AREA0000000002
AI ID:	188777
AI Name:	Hydralift-Amclyde
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Latitude:	44.93862397
Longitude:	-93.0771585
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/05/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/07/2018
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	2.03

240 PLATO (Continued) **S106114349**

BPET: Not reported
BVIC: Y
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW20170001
Act Desc: Brownfield Site
Status: Closed

MN LS:
Link ID: 6058
EPA ID: Not reported
MPCA ID: VP18330
Method: DM
CERCLIS: No
National Priorities List: No
PLP: No
Voluntary Cleanup & Investigation: Yes
RCRA Treatment Storage & Disposal: No
RCRA Generator: No
Solid Waste Permit: No
Dumps: No
No Further Remedial Action Planned: No
Delisted From PLP By MPCA: No
LCP: No
Brownfield: No
Entity Type: VIC

VAPOR:
Site ID: BF0000515
Delta Site ID: 188777
WIMN Link: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
AI Name: Hydralift-Amclyde
Vapor Concern at Site: Other sites where vapor exceeded standards
Item ID: 188777-AREA0000000002
Site Type: Brownfield Site
Method Desc: Digitized - MPCA internal mapping application
Latitude: 44.93862397
Longitude: -93.0771585

Site ID: BF0000515
Delta Site ID: 188777
WIMN Link: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777
AI Name: Hydralift-Amclyde
Vapor Concern at Site: Other sites that have had vapor concerns
Item ID: 188777-AREA0000000002
Site Type: Brownfield Site
Method Desc: Digitized - MPCA internal mapping application
Latitude: 44.93862397
Longitude: -93.0771585

WIMN:
Status: Y
Latitude: 44.935973189999999

240 PLATO (Continued) **S106114349**

Longitude:	-93.095620659999994
Item ID:	188777-AISI0000188777
AI ID:	188777
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	188777
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	10/16/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	10/16/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50647562
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	BF0000515; VP18330
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=188777

WIMN:

Legislative District:	65B
Latitude:	44.93917026
Longitude:	-93.07724555
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	VP18330

240 PLATO (Continued) **S106114349**

Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=173116
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

Status:	Y
Latitude:	44.939234599999999
Longitude:	-93.077988559999994
Item ID:	24852-AISI0000024852
AI ID:	24852
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	24852
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	20575
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND006194559
MPCA List:	MND006194559
Program List:	Hazardous Waste

240 PLATO (Continued) **S106114349**

Classification: Electrical Machinery, Equipment, and Supplies, Not Elsewhere Classified
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24852

WIMN:
Legislative District: 65B
Latitude: 44.93917026
Longitude: -93.07724555
Activity: Voluntary Investigation & Cleanup (VIC)
MPCA ID: VP18330
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=173116
Coordinate Collection Method: Digitized - Map Tool
Status: Inactive

Z156 **AMERICRAFT CARTON INC** **MN AIRS** **S107733729**
NW **403 FILLMORE AVE E** **MN ENF** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN Financial Assurance**
0.366 mi. **MN WIMN**
1931 ft. **Site 2 of 2 in cluster Z** **MN NPDES**

Relative: **Higher**
Actual: **706 ft.**

MN AIRS:
Facility ID: 12300605
File Number: Not reported
Fedral/State: Not reported
Mail Address: Not reported
Mail City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Latitude: 44.943855399999997
Longitude: -93.076417399999997
SIC Code: Not reported
SIC Code 2: Not reported
NAICS: 323111
Permip Program Type: Not reported
Action ID: Not reported
Effective Start: Not reported
Expiration Date: Not reported
REG PMT Option: Not reported
Emissions Year: 2016
Industry Type: Manufacturing
Pollutant: CO2-equivalent
Emissions (lb): 396608.3696
Emissions (tons): 198.3041848

Facility ID: 12300605
File Number: Not reported
Fedral/State: Not reported
Mail Address: Not reported
Mail City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Latitude: 44.943855399999997
Longitude: -93.076417399999997
SIC Code: Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	322.6
Emissions (tons):	0.1613
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	9.38
Emissions (tons):	0.00469
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing

AMERICRAFT CARTON INC (Continued) **S107733729**

Pollutant:	Nitrogen Oxides
Emissions (lb):	293.2
Emissions (tons):	0.1466
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	1.5242
Emissions (tons):	0.0007621
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	1.3872
Emissions (tons):	0.0006936
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	235.8
Emissions (tons):	0.1179

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	280.8
Emissions (tons):	0.1404

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration

AMERICRAFT CARTON INC (Continued) **S107733729**

Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	1.4602
Emissions (tons):	0.0007301
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	1.4602
Emissions (tons):	0.0007301
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	1.2074
Emissions (tons):	0.0006037

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	1.6848
Emissions (tons):	0.0008424

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	19015.444
Emissions (tons):	9.507722

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	8.986
Emissions (tons):	0.004493
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.001404
Emissions (tons):	7.02e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	345355.4328
Emissions (tons):	172.6777164
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	128.1
Emissions (tons):	0.06405
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	152.5
Emissions (tons):	0.07625
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0.793
Emissions (tons):	0.0003965

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0.793
Emissions (tons):	0.0003965

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0.65576
Emissions (tons):	0.00032788
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0.915
Emissions (tons):	0.0004575
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	21308.388
Emissions (tons):	10.654194
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	4.88
Emissions (tons):	0.00244
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.0007626
Emissions (tons):	3.813e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	187373.0056
Emissions (tons):	93.6865028
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	27630.066
Emissions (tons):	13.815033
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	183
Emissions (tons):	0.0915
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	153.72
Emissions (tons):	0.07686
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	5.856
Emissions (tons):	0.002928

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	1.098
Emissions (tons):	0.000549

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0.9516
Emissions (tons):	0.0004758

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0.9516
Emissions (tons):	0.0004758
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0.787
Emissions (tons):	0.0003935
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.000915
Emissions (tons):	4.575e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Zinc
Emissions (lb):	0.05308
Emissions (tons):	2.654e-05
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Vanadium
Emissions (lb):	0.00421
Emissions (tons):	2.105e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	0.003844
Emissions (tons):	1.922e-06

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	0.002014
Emissions (tons):	1.007e-06

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	0.0015556
Emissions (tons):	7.778e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	0.0006954
Emissions (tons):	3.477e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Arsenic

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	0.000366
Emissions (tons):	1.83e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	0.00015372
Emissions (tons):	7.686e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chromium (VI)
Emissions (lb):	0.00010248
Emissions (tons):	5.124e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Selenium
Emissions (lb):	4.392e-05
Emissions (tons):	2.196e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Beryllium
Emissions (lb):	2.196e-05
Emissions (tons):	1.098e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	1.5372e-06
Emissions (tons):	7.686e-10
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acetone
Emissions (lb):	3660
Emissions (tons):	1.83
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	1,2,4-Trimethylbenzene
Emissions (lb):	2980
Emissions (tons):	1.49

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	480.006222
Emissions (tons):	0.240003111

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Methanol
Emissions (lb):	480
Emissions (tons):	0.24

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Methyl Isobutyl Ketone
Emissions (lb):	240
Emissions (tons):	0.12
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Xylenes (Mixed Isomers)
Emissions (lb):	140
Emissions (tons):	0.07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	3.294
Emissions (tons):	0.001647
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	0.13726
Emissions (tons):	6.863e-05
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	0.003844
Emissions (tons):	1.922e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chromium (III)
Emissions (lb):	0.00246
Emissions (tons):	1.23e-06

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.002196
Emissions (tons):	1.098e-06

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	4.392e-05
Emissions (tons):	2.196e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	2.928e-05
Emissions (tons):	1.464e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Naphthalene
Emissions (lb):	0.0011164
Emissions (tons):	5.582e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	3.112e-05
Emissions (tons):	1.556e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Pyrene
Emissions (lb):	9.15e-06
Emissions (tons):	4.575e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	5.49e-06
Emissions (tons):	2.745e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	5.124e-06
Emissions (tons):	2.562e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	4.392e-06
Emissions (tons):	2.196e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	3.294e-06
Emissions (tons):	1.647e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	2.196e-06
Emissions (tons):	1.098e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	2.196e-06
Emissions (tons):	1.098e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	2.196e-06
Emissions (tons):	1.098e-09

Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	220
Emissions (tons):	0.11
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	260
Emissions (tons):	0.13
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM Primary

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	20
Emissions (tons):	0.01
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	20
Emissions (tons):	0.01
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	29600
Emissions (tons):	14.8
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	240
Emissions (tons):	0.12
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	280
Emissions (tons):	0.14
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	20
Emissions (tons):	0.01

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	20
Emissions (tons):	0.01

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	29600
Emissions (tons):	14.8

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	240
Emissions (tons):	0.12
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	300
Emissions (tons):	0.15
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	20
Emissions (tons):	0.01
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	20
Emissions (tons):	0.01

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	39740
Emissions (tons):	19.87

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	240
Emissions (tons):	0.12
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	300
Emissions (tons):	0.15
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	20
Emissions (tons):	0.01
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	20
Emissions (tons):	0.01

Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	24380
Emissions (tons):	12.19
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	6e-08
Emissions (tons):	3e-11

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	6e-08
Emissions (tons):	3e-11

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acetaldehyde
Emissions (lb):	4.2e-07
Emissions (tons):	2.1e-10

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0.0994784
Emissions (tons):	4.97392e-05
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	7e-08
Emissions (tons):	3.5e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Arsenic
Emissions (lb):	6.22e-06
Emissions (tons):	3.11e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	6e-08
Emissions (tons):	3e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	4e-08
Emissions (tons):	2e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	6.528e-05
Emissions (tons):	3.264e-08

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	4e-08
Emissions (tons):	2e-11

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	6e-08
Emissions (tons):	3e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	6e-08
Emissions (tons):	3e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Beryllium

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	3.7e-07
Emissions (tons):	1.85e-10
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	3.42e-05
Emissions (tons):	1.71e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Chromium
Emissions (lb):	4.352e-05
Emissions (tons):	2.176e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	6e-08
Emissions (tons):	3e-11

Facility ID:	12300605
File Number:	2920
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Mail Address:	403 Fillmore Ave E
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Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	20
Emissions (tons):	0.01

Facility ID:	12300605
File Number:	2920
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Mail Address:	403 Fillmore Ave E
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Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	2.61e-06
Emissions (tons):	1.305e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	2.642e-05
Emissions (tons):	1.321e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	4e-08
Emissions (tons):	2e-11

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	3.73e-05
Emissions (tons):	1.865e-08

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	5e-07
Emissions (tons):	2.5e-10

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	9e-08
Emissions (tons):	4.5e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	9e-08
Emissions (tons):	4.5e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	0.00233153
Emissions (tons):	1.165765e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	0.0559566
Emissions (tons):	2.79783e-05
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	6e-08
Emissions (tons):	3e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
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Contact Name:	Mr. Douglas DeLong
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	1.181e-05
Emissions (tons):	5.905e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
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Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	3e-08
Emissions (tons):	1.5e-11

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
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SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene
Emissions (lb):	6e-08
Emissions (tons):	3e-11
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	7.5e-07
Emissions (tons):	3.75e-10
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Naphthalene

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	1.896e-05
Emissions (tons):	9.48e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	6.528e-05
Emissions (tons):	3.264e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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Contact Fax:	(651) 227-4713
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	320
Emissions (tons):	0.16
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	5.3e-07
Emissions (tons):	2.65e-10

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	20
Emissions (tons):	0.01

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	19.9999332
Emissions (tons):	0.0099999666
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	16.55006532
Emissions (tons):	0.00827503266
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Pyrene
Emissions (lb):	1.6e-07
Emissions (tons):	8e-11

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
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Fedral/State:	Not reported
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Contact Name:	Mr. Douglas DeLong
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Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Selenium
Emissions (lb):	7.5e-07
Emissions (tons):	3.75e-10

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File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	3140.0001057
Emissions (tons):	1.5700000528

Facility ID:	12300605
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Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	29080
Emissions (tons):	14.54
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Xylenes (Mixed Isomers)
Emissions (lb):	1569
Emissions (tons):	0.7845
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	360571.3248
Emissions (tons):	180.2856624
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	360370.996
Emissions (tons):	180.185498
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	1.6776
Emissions (tons):	0.0008388
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	246.4
Emissions (tons):	0.1232

Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	1.6776
Emissions (tons):	0.0008388

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	1.7586
Emissions (tons):	0.0008793
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	17336.132
Emissions (tons):	8.668066
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Ammonia

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	9.386
Emissions (tons):	0.004693
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.0014666
Emissions (tons):	7.333e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	246.2
Emissions (tons):	0.1231
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.0014656
Emissions (tons):	7.328e-07

Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	271
Emissions (tons):	0.1355

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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Acetone
Emissions (lb):	4
Emissions (tons):	0.002

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	7.03e-06
Emissions (tons):	3.515e-09

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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Arsenic
Emissions (lb):	0.0005862
Emissions (tons):	2.931e-07

Facility ID:	12300605
File Number:	2920
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Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	3.52e-06
Emissions (tons):	1.76e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	0.006156
Emissions (tons):	3.078e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	3.52e-06
Emissions (tons):	1.76e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

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Contact Fax:	(651) 227-4713
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Beryllium
Emissions (lb):	3.52e-05
Emissions (tons):	1.76e-08

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	0.003224
Emissions (tons):	1.612e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Chromium (III)
Emissions (lb):	0.00394
Emissions (tons):	1.97e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Chromium (VI)

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	0.00016414
Emissions (tons):	8.207e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	20.0002462
Emissions (tons):	0.0100001231
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	0.002492
Emissions (tons):	1.246e-06

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	3.52e-06
Emissions (tons):	1.76e-09

Facility ID:	12300605
File Number:	2920
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Mail City,St,Zip:	St. Paul, MN 55107
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.003518
Emissions (tons):	1.759e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	4.69e-05
Emissions (tons):	2.345e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	8.79e-06
Emissions (tons):	4.395e-09

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	8.21e-06
Emissions (tons):	4.105e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	0.2198
Emissions (tons):	0.0001099

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Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	5.276
Emissions (tons):	0.002638
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.0014656
Emissions (tons):	7.328e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	20.0011138
Emissions (tons):	0.0100005569
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	2.46e-06
Emissions (tons):	1.23e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Methyl Isobutyl Ketone
Emissions (lb):	0.4
Emissions (tons):	0.0002

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Methanol
Emissions (lb):	0.6
Emissions (tons):	0.0003

Facility ID:	12300605
File Number:	2920
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Mail Address:	403 Fillmore Ave E
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Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene
Emissions (lb):	5.28e-06
Emissions (tons):	2.64e-09
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	7.03e-05
Emissions (tons):	3.515e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Naphthalene

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	0.001788
Emissions (tons):	8.94e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	0.006156
Emissions (tons):	3.078e-06
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	4.98e-05
Emissions (tons):	2.49e-08
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong

AMERICRAFT CARTON INC (Continued) **S107733729**

Contact Phone:	(651) 227-6655
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Latitude:	44.943855399999997
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Pyrene
Emissions (lb):	1.47e-05
Emissions (tons):	7.35e-09

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Selenium
Emissions (lb):	7.03e-05
Emissions (tons):	3.515e-08

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
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Contact Name:	Mr. Douglas DeLong
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1

AMERICRAFT CARTON INC (Continued) **S107733729**

Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	1820.009966
Emissions (tons):	0.910004983
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	1,2,4-Trimethylbenzene
Emissions (lb):	2
Emissions (tons):	0.001
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
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Contact Fax:	(651) 227-4713
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SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Vanadium
Emissions (lb):	0.006742
Emissions (tons):	3.371e-06

AMERICRAFT CARTON INC (Continued) **S107733729**

Facility ID:	12300605
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Fedral/State:	Not reported
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Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Xylenes (Mixed Isomers)
Emissions (lb):	780
Emissions (tons):	0.39

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Zinc
Emissions (lb):	0.085
Emissions (tons):	4.25e-05

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997

AMERICRAFT CARTON INC (Continued) **S107733729**

Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	19016.12
Emissions (tons):	9.50806
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	1.9356
Emissions (tons):	0.0009678
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.001613
Emissions (tons):	8.065e-07
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	1.5252
Emissions (tons):	0.0007626
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	1.5252
Emissions (tons):	0.0007626
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	1.2604
Emissions (tons):	0.0006302

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	1.2612
Emissions (tons):	0.0006306

Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	1.7598
Emissions (tons):	0.0008799
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	9657.744
Emissions (tons):	4.828872
Facility ID:	12300605
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Ammonia

AMERICRAFT CARTON INC (Continued) **S107733729**

Emissions (lb):	10.324
Emissions (tons):	0.005162
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	Not reported
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	293.4
Emissions (tons):	0.1467
Facility ID:	12300605
File Number:	2920
Fedral/State:	Not reported
Mail Address:	403 Fillmore Ave E
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Douglas DeLong
Contact Phone:	(651) 227-6655
Contact Fax:	(651) 227-4713
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	1.5242
Emissions (tons):	0.0007621

MN Enforcement Log :

Facility ID:	12300605
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	06/09/2009
Enforcement Type:	APO - Forgivable
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	2018
Activity ID:	PEN20090001
Public Flag:	Y
Latitude:	44.9438554
Longitude:	-93.0764174
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	403 Fillmore Ave E
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	Americraft Carton Inc (St. Paul, MN)
Zero Date:	04/06/2009
Case Closed:	7/22/2009
Case Lead:	Brent Rohne
Attorney Assigned:	Kathleen Winters
Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	810
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	810

MN Financial Assurance 1:

PROGRAM ID:	201195
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	178064
Interest Telephone:	6512276655
Preferred ID:	12357
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	03/24/2006 12:21:22
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123

AMERICRAFT CARTON INC (Continued) **S107733729**

Comments:	Not reported
PROGRAM ID:	201195
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	1493
Interest Telephone:	NO CORE PI PH.
Preferred ID:	12357
Interest Start Date:	07/23/1992
Interest End Date:	03/24/2006
Activity Flag:	N
TMSP Added:	03/24/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	31651
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	201195
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	11/04/2015 10:04:06
TMSP Last Update:	11/04/2015 10:04:06
Staff ID Last Update:	TDUREN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	31651
Spatial ID:	51068130

Program Id:	201195
Lat/Long ID:	58920
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	36.1
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	23.98
Collection Date:	03/12/2010 17:47:40
Lat/Long Description:	Not reported
TMSP Added:	02/24/2001 00:00:00
TMSP Last Update:	03/12/2010 18:14:23

AMERICRAFT CARTON INC (Continued) **S107733729**

Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	T
Source:	CORE
Site ID:	31651
Spatial ID:	51068130

Tab Site:

Program Id:	201195
Facility Code:	19
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	08/24/1988 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

WIMN:

Status:	Y
Latitude:	44.943855399999997
Longitude:	-93.076417399999997
Item ID:	2018-AISI0000002018
AI ID:	2018
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	2018
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	AQ; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	09/27/2015
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	2350
Activity:	Multiple Activities
Activity List:	Air Quality; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	12300605; MNR0536B6; MNR053C3X
Program List:	Air Quality; Stormwater
Classification:	Commercial Printing (except Screen and Books)
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2018

WIMN:

Legislative District:	65B
Latitude:	44.94385669
Longitude:	-93.07437283
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=1513
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Legislative District:	65B
Latitude:	44.94385669
Longitude:	-93.07437283
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31651
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Status:	Y
Latitude:	44.943362800000003
Longitude:	-93.073329099999995
Item ID:	30789-AISI0000030789
AI ID:	30789
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	30789
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

MPCA Program:	Multiple Programs
Program List:	HW; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21918
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Small quantity generator; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	MND006149173; TS0012357
Program List:	Hazardous Waste; Tanks
Classification:	Packaging Machinery Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30789

WIMN:

Legislative District:	65B
Latitude:	44.94385669
Longitude:	-93.07437283
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=1513
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Legislative District:	65B
Latitude:	44.94385669
Longitude:	-93.07437283
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities

AMERICRAFT CARTON INC (Continued) **S107733729**

Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31651
Coordinate Collection Method:	Address Matching House Number
Status:	Active

NPDES:

Envid:	S107733729
Facility Name:	AMERICRAFT CARTON INC
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR0536B6
Preferred ID:	Not reported
Activity Sys ID:	2018
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	01/05/2011
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9438554
Longitude Degree:	-93.0764174
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Americraft Carton, Inc
Owner Organization Type:	Not reported
Permit Sys ID:	94475
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	6
Activity Description:	Unloading and loading of raw materials and products respectively, outside forklift activity, outside pollution control equipment, all in relation to paperboard carton manufacturing, including printing operations (Waterbody <1 Mile? Y.)
No Exposure:	No
One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	B
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported

AMERICRAFT CARTON INC (Continued) **S107733729**

Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

Envid:	S107733729
Facility Name:	AMERICRAFT CARTON INC
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNR053C3X
Preferred ID:	Not reported
Activity Sys ID:	2018
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9438554
Longitude Degree:	-93.0764174
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Americraft Carton, Inc
Owner Organization Type:	Not reported
Permit Sys ID:	135041
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	6
Activity Description:	Paperboard carton manufacturing (Waterbody <1 Mile? Y.)
No Exposure:	No
One Mile:	Yes

AMERICRAFT CARTON INC (Continued) **S107733729**

Permit Type:	Industrial Stormwater Permit
Sector List:	B
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

AB157 **VIKING DRILL AND TOOL** **MN BROWNFIELDS** **S119124788**
SW **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.370 mi.
1951 ft. **Site 3 of 3 in cluster AB**

Relative:
Higher

Actual:
711 ft.

BROWNFIELDS:

Site ID:	VP5921
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	185515-AREA0000000004
AI ID:	185515

VIKING DRILL AND TOOL (Continued) **S119124788**

AI Name:	State Street Dump
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Rick Jolley (former)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	11/26/2014
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/14/1998
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.9357307
Longitude:	-93.07668258

158
NW
1/4-1/2
0.370 mi.
1954 ft.

AERO SYSTEMS ENGINEERING INC
358 FILLMORE AVE E
SAINT PAUL, MN 55107

MN ENF **S119127798**
MN MANIFEST **N/A**
MN WIMN
MN NPDES

Relative:
Higher

Actual:
719 ft.

MN Enforcement Log :

Facility ID:	MND041776824
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	05/28/1986
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	30766
Activity ID:	NON19990001
Public Flag:	Y
Latitude:	44.9436237
Longitude:	-93.0752822
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	358 Fillmore Ave E
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	Aero Systems Engineering (St. Paul, MN)
Zero Date:	05/28/1986
Case Closed:	Not reported
Case Lead:	Not reported
Attorney Assigned:	Not reported
Lead Program:	Hazardous Waste
Multimedia:	N
Multimedia Desc:	N

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

MANIFEST:

Manifest ID:	661700
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	WID988566543
Transporter 1 AI ID:	31366
Transporter 1 AI Name:	Superior Special Services Inc
Transporter 1 Address:	1275 Mineral Springs Dr
Transporter 1 City:	Port Washington
Transporter 1 State:	WI
Transporter 1 ZIP:	53074
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	WID988566543
TSD AI ID:	31366
TSD AI Name:	Superior Special Services Inc
TSD Address:	1275 Mineral Springs Dr
TSD City:	Port Washington
TSD State:	WI
TSD Zip:	53074
Gen Copy Recd Date:	12/20/1999 0:00:00
Fac Copy Recd Date:	2000-01-06 00:00:00
Gen Ship Date:	1999-12-03 00:00:00
Trans 1 Recd Date:	1999-12-03 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1999-12-20 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	661700
Manifest Row:	1
Haz Material Name:	RQ WASTE PAINT RELATED MATERIAL
Haz Class Number:	3
UN NA Number:	UN1263
Packing Group Number:	II
Container Qty:	1
Container Code:	DMPF
Waste Qty:	100
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	951488
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	MNT280011586
Transporter 1 AI ID:	4286
Transporter 1 AI Name:	OSI Environmental Inc - Eveleth
Transporter 1 Address:	14 County Highway 101
Transporter 1 City:	Eveleth
Transporter 1 State:	MN
Transporter 1 ZIP:	55734
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	TND980847024
TSD AI ID:	59930
TSD AI Name:	Excel TSD Inc
TSD Address:	552 Rivergate Rd
TSD City:	Memphis
TSD State:	TN
TSD Zip:	38109
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2014-11-17 00:00:00
Gen Ship Date:	2014-10-20 00:00:00
Trans 1 Recd Date:	2014-10-20 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2014-10-23 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	951488
Manifest Row:	1
Haz Material Name:	PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	110
Waste Units Code:	AD
Waste Code List:	D001, D035, F003, F005

Manifest ID:	193545
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	MND981776255
Transporter 1 AI ID:	42461
Transporter 1 AI Name:	Dynex Industries Inc
Transporter 1 Address:	4755 Mustang Cir
Transporter 1 City:	Mounds View
Transporter 1 State:	MN
Transporter 1 ZIP:	55112
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	IND000646943
TSD AI ID:	41297
TSD AI Name:	Pollution Control Industries Of Indiana
TSD Address:	4343 Kennedy Ave
TSD City:	East Chicago
TSD State:	IN
TSD Zip:	46312-2723
Gen Copy Recd Date:	3/24/1994 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1994-03-15 00:00:00

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Trans 1 Recd Date:	1994-03-15 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	193545
Manifest Row:	1
Haz Material Name:	LEAD CHROMIUM
Haz Class Number:	Not reported
UN NA Number:	NA3077
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	100
Waste Units Code:	IB
Waste Code List:	D007

Manifest ID:	193649
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	MND981776255
Transporter 1 AI ID:	42461
Transporter 1 AI Name:	Dynex Industries Inc
Transporter 1 Address:	4755 Mustang Cir
Transporter 1 City:	Mounds View
Transporter 1 State:	MN
Transporter 1 ZIP:	55112
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	IND000646943
TSD AI ID:	41297

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

TSD AI Name:	Pollution Control Industries Of Indiana
TSD Address:	4343 Kennedy Ave
TSD City:	East Chicago
TSD State:	IN
TSD Zip:	46312-2723
Gen Copy Recd Date:	11/2/1992 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1992-10-29 00:00:00
Trans 1 Recd Date:	1992-10-29 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	193649
Manifest Row:	1
Haz Material Name:	PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	UN1263
Packing Group Number:	Not reported
Container Qty:	8
Container Code:	DMML
Waste Qty:	4000
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	193650
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	MND981776255
Transporter 1 AI ID:	42461
Transporter 1 AI Name:	Dynex Industries Inc
Transporter 1 Address:	4755 Mustang Cir
Transporter 1 City:	Mounds View
Transporter 1 State:	MN
Transporter 1 ZIP:	55112
Transporter 2 ID:	MTD981547672

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Transporter 2 AI ID:	43554
Transporter 2 AI Name:	Special Resource Management Transport
Transporter 2 Address:	Rocker Interchange W Of Butte
Transporter 2 City:	Butte
Transporter 2 State:	MT
Transporter 2 ZIP:	59702
TSD ID:	IND000646943
TSD AI ID:	41297
TSD AI Name:	Pollution Control Industries Of Indiana
TSD Address:	4343 Kennedy Ave
TSD City:	East Chicago
TSD State:	IN
TSD Zip:	46312-2723
Gen Copy Recd Date:	11/18/1992 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1992-11-13 00:00:00
Trans 1 Recd Date:	1992-11-13 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	193650
Manifest Row:	1
Haz Material Name:	STODDARD SOLVENT
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	8
Container Code:	DMML
Waste Qty:	4000
Waste Units Code:	IB
Waste Code List:	D005

Manifest ID:	193651
Generator ID:	MND041776824
Generator AI ID:	30766

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Transporter 1 ID:	MND981776255
Transporter 1 AI ID:	42461
Transporter 1 AI Name:	Dynex Industries Inc
Transporter 1 Address:	4755 Mustang Cir
Transporter 1 City:	Mounds View
Transporter 1 State:	MN
Transporter 1 ZIP:	55112
Transporter 2 ID:	ARD981908551
Transporter 2 AI ID:	36374
Transporter 2 AI Name:	Jb Hunt Special Commodities
Transporter 2 Address:	615 Jb Hunt Corporate Dr
Transporter 2 City:	Lowell
Transporter 2 State:	AR
Transporter 2 ZIP:	72745
TSD ID:	ILD085349264
TSD AI ID:	42881
TSD AI Name:	Petrochem Services Inc
TSD Address:	15330 Canal Bank Rd
TSD City:	Lemont
TSD State:	IL
TSD Zip:	60439-3883
Gen Copy Recd Date:	5/20/1996 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1996-05-15 00:00:00
Trans 1 Recd Date:	1996-05-15 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	193651
Manifest Row:	1
Haz Material Name:	WASTE PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	UN1263
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Waste Qty:	250
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	193652
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	MND981776255
Transporter 1 AI ID:	42461
Transporter 1 AI Name:	Dynex Industries Inc
Transporter 1 Address:	4755 Mustang Cir
Transporter 1 City:	Mounds View
Transporter 1 State:	MN
Transporter 1 ZIP:	55112
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	ILD085349264
TSD AI ID:	42881
TSD AI Name:	Petrochem Services Inc
TSD Address:	15330 Canal Bank Rd
TSD City:	Lemont
TSD State:	IL
TSD Zip:	60439-3883
Gen Copy Recd Date:	3/24/1994 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1994-03-14 00:00:00
Trans 1 Recd Date:	1994-03-14 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Detail:

Manifest ID:	193652
Manifest Row:	1
Haz Material Name:	WASTE PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	UN1263
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	110
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	193653
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	MND006153423
Transporter 1 AI ID:	37830
Transporter 1 AI Name:	Retrofit Recycling Inc
Transporter 1 Address:	1222 University Ave W
Transporter 1 City:	Saint Paul
Transporter 1 State:	MN
Transporter 1 ZIP:	55104-4151
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND006153423
TSD AI ID:	37830
TSD AI Name:	Retrofit Recycling Inc
TSD Address:	1222 University Ave W
TSD City:	Saint Paul
TSD State:	MN
TSD Zip:	55104-4151
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1993-07-19 00:00:00
Gen Ship Date:	1993-07-14 00:00:00
Trans 1 Recd Date:	1993-07-14 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-07-14 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	193653
Manifest Row:	1
Haz Material Name:	PCB
Haz Class Number:	Not reported
UN NA Number:	NA9188
Packing Group Number:	Not reported
Container Qty:	3
Container Code:	DMML
Waste Qty:	1763
Waste Units Code:	IB
Waste Code List:	MN03

Manifest ID:	193654
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	MND981776255
Transporter 1 AI ID:	42461
Transporter 1 AI Name:	Dynex Industries Inc
Transporter 1 Address:	4755 Mustang Cir
Transporter 1 City:	Mounds View
Transporter 1 State:	MN
Transporter 1 ZIP:	55112
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	ILD085349264
TSD AI ID:	42881
TSD AI Name:	Petrochem Services Inc
TSD Address:	15330 Canal Bank Rd
TSD City:	Lemont
TSD State:	IL
TSD Zip:	60439-3883
Gen Copy Recd Date:	11/14/1994 0:00:00
Fac Copy Recd Date:	Not reported
Gen Ship Date:	1994-11-02 00:00:00
Trans 1 Recd Date:	1994-11-02 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	Not reported
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	193654
Manifest Row:	1
Haz Material Name:	PETROLEUM DISTILLATES
Haz Class Number:	Not reported
UN NA Number:	UN1993
Packing Group Number:	Not reported
Container Qty:	4
Container Code:	DMML
Waste Qty:	220
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	193655
Generator ID:	MND041776824
Generator AI ID:	30766
Transporter 1 ID:	WID988566543
Transporter 1 AI ID:	31366
Transporter 1 AI Name:	Superior Special Services Inc
Transporter 1 Address:	1275 Mineral Springs Dr
Transporter 1 City:	Port Washington
Transporter 1 State:	WI
Transporter 1 ZIP:	53074
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	WID988566543
TSD AI ID:	31366
TSD AI Name:	Superior Special Services Inc
TSD Address:	1275 Mineral Springs Dr
TSD City:	Port Washington
TSD State:	WI
TSD Zip:	53074
Gen Copy Recd Date:	8/10/1999 0:00:00
Fac Copy Recd Date:	1999-08-13 00:00:00
Gen Ship Date:	1999-07-27 00:00:00

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Trans 1 Recd Date:	1999-07-27 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1999-08-06 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
Generator Contact:	Mark Hall
Contact Address:	358 Fillmore Ave E
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	mark.hall@aseholdings.com
Contact Phone:	651-220-1226

NAIC:

Generator AI ID:	30766
Generator ID:	MND041776824
Generator AI Name:	Aero Systems Engineering Inc
NAIC Code:	332710
NAIC Desc:	332710 - Machine Shops

Detail:

Manifest ID:	193655
Manifest Row:	1
Haz Material Name:	PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	UN1263
Packing Group Number:	Not reported
Container Qty:	3
Container Code:	DMML
Waste Qty:	2200
Waste Units Code:	IB
Waste Code List:	D001

Click this hyperlink while viewing on your computer to access additional MN MANIFEST: detail in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.943623700000003
Longitude:	-93.075282200000004
Item ID:	30766-AISI0000030766
AI ID:	30766
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	30766
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Program List:	HW; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	22822
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	A00021848; MND041776824
Program List:	Hazardous Waste; Stormwater
Classification:	Machine Shops
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30766

NPDES:

Envid:	S119127798
Facility Name:	AERO SYSTEMS ENGINEERING INC
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNRNE3DN3
Preferred ID:	Not reported
Activity Sys ID:	30766
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	08/28/2018
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9436237
Longitude Degree:	-93.0752822

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Aero Systems Engineering Inc
Owner Organization Type:	Not reported
Permit Sys ID:	3437801
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Light manufacturing of prototype level equipment used for commercial aviation engine and aerodynamic wind tunnel testing
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	AB
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported

AERO SYSTEMS ENGINEERING INC (Continued) **S119127798**

Doc Int ID: Not reported

AD159 **RIVERVIEW IND. PARK E-2 (VIKING)** **MN BROWNFIELDS** **S119124616**
SW **SEE LOCATION DESCRIPTION** **MN WIMN** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.372 mi.
1962 ft. **Site 1 of 4 in cluster AD**

Relative:
Lower

Actual:
696 ft.

BROWNFIELDS:

Site ID:	VP14520
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	192759-AREA0000000001
AI ID:	192759
AI Name:	Riverview Ind. Park E-2 (Viking)
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192759
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	05/09/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/06/2001
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.9343338
Longitude:	-93.07540131

WIMN:

Status:	Y
Latitude:	44.934333580000001
Longitude:	-93.075400939999994
Item ID:	192759-AISI0000192759
AI ID:	192759
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	192759
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S119124616**

Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205cd
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	cd
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50647226
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP14520
MPCA List:	VP14520
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192759

AD160 **RIVERVIEW IND. PARK E-2 (VIKING)** **MN LS** **S106635038**
SW **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.372 mi.
1962 ft. **Site 2 of 4 in cluster AD**

Relative:
Lower

Actual:
696 ft.

MN LS:

Link ID:	5499
EPA ID:	Not reported
MPCA ID:	VP14520
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S106635038**

LCP: No
Brownfield: No
Entity Type: VIC

161
SSW
1/4-1/2
0.373 mi.
1970 ft.

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P **US BROWNFIELDS** **1016348760**
NE OF EATON ST AND WEST LAFAYETTE FRONTAGE ROAD **FINDS** **N/A**
ST. PAUL, MN 55107

Relative:
Lower

Actual:
696 ft.

US BROWNFIELDS:

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	2047.73
Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	60000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Saint Paul Port Authority General Funds
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	04/19/2004 00:00:00
Ownership Entity:	Private
Completion Date:	04/19/2004 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	2047.73
Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Saint Paul Port Authority General Funds
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	04/24/2004 00:00:00
Ownership Entity:	Private
Completion Date:	04/24/2004 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.

Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	187500
Cleanup Funding Source:	State/Tribal Funding (non-section 128(a))
Assessment Funding:	60000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	DEED Cleanup Grant
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	04/19/2004 00:00:00
Ownership Entity:	Private
Completion Date:	04/19/2004 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	62500
Cleanup Funding Source:	Local Funding
Assessment Funding:	60000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Metropolitan Council Grant
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	04/19/2004 00:00:00
Ownership Entity:	Private
Completion Date:	04/19/2004 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	62500
Cleanup Funding Source:	Local Funding
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Metropolitan Council Grant
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	04/24/2004 00:00:00
Ownership Entity:	Private
Completion Date:	04/24/2004 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%
Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	62500
Cleanup Funding Source:	Local Funding
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Metropolitan Council Grant
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	07/29/1999 00:00:00
Ownership Entity:	Private
Completion Date:	07/29/1999 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	200000
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	60000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Brownfields Cleanup Grant
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Start Date:	04/19/2004 00:00:00
Ownership Entity:	Private
Completion Date:	04/19/2004 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%
Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	200000
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Brownfields Cleanup Grant
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	07/29/1999 00:00:00
Ownership Entity:	Private
Completion Date:	07/29/1999 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	187500
Cleanup Funding Source:	State/Tribal Funding (non-section 128(a))
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Cleanup Funding Entity:	DEED Cleanup Grant
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	07/29/1999 00:00:00
Ownership Entity:	Private
Completion Date:	07/29/1999 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%
Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	200000
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Brownfields Cleanup Grant
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	04/24/2004 00:00:00
Ownership Entity:	Private
Completion Date:	04/24/2004 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the late 1960s after dumping operations were ceased. The property has been vacant since that time.
Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Click this hyperlink while viewing on your computer to access
2 additional US BROWNFIELDS: record(s) in the EDR Site Report.

Property Name:	HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
Recipient Name:	St. Paul Port Authority
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	3.28
Latitude:	44.93303
Longitude:	-93.072819
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15857
IC Data Access:	Not reported
Start Date:	12/15/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/15/2004 00:00:00
Acres Cleaned Up:	3.28
Cleanup Funding:	2047.73

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2295000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	J. Kou Vang
Redevelopment Start Date:	03/01/2005 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Saint Paul Port Authority General Funds
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96549401
Start Date:	07/29/1999 00:00:00
Ownership Entity:	Private
Completion Date:	07/29/1999 00:00:00
Current Owner:	Eaton/Lafayette Partnership
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	6
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
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Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	This property was never developed; the surrounding area was undeveloped until the early 1920s. From the early 1920s until the mid 1950s (according to Ramsey County records and records at the Minnesota Pollution Control Agency), the area (including the property) was used as a dump for disposal of waste materials. The dump was operated by the City of St. Paul, a separate legal entity from the Port Authority. The Port Authority purchased the Hmong Funeral Home property in the

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

late 1960s after dumping operations were ceased. The property has been vacant since that time.

Below Poverty Number:	1202
Below Poverty Percent:	40.8%
Meidan Income:	6911
Meidan Income Number:	1940
Meidan Income Percent:	65.9%
Vacant Housing Number:	86
Vacant Housing Percent:	8.3%
Unemployed Number:	260
Unemployed Percent:	8.8%

Click this hyperlink while viewing on your computer to access
2 additional US BROWNFIELDS: record(s) in the EDR Site Report.

FINDS:

Registry ID: 110038748914

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

AE162 **DAKOTA BARGE** **MN SRS S120197868**
NNW **91 RIDDER CIR** **MN WIMN N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.375 mi.
1980 ft. **Site 1 of 2 in cluster AE**

Relative: Higher
Actual: 700 ft.

SRS:

Facility ID:	LS0003798
Item ID:	185992-AREA0000000001
AI ID:	185992
AI Name:	Dakota Barge
Facility Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.94443483
Longitude:	-93.06988633
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185992
Leak Discovered:	12/01/1989
Leak Reported:	02/27/1990
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/22/1990
Owner:	Not reported
Owner Address:	Not reported

DAKOTA BARGE (Continued) **S120197868**

Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19900001
Act Desc:	Leak Site Investigation
Status:	Closed

WIMN:

Status:	Y
Latitude:	44.943793300000003
Longitude:	-93.069965199999999
Item ID:	185992-AISI0000185992
AI ID:	185992
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	185992
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/14/2006

DAKOTA BARGE (Continued) **S120197868**

User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51742412
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0003798
MPCA List:	LS0003798
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185992

AE163 **SEMPLE RECYCLING & CRUSHING LLC** **MN LUST** **S109511725**
NNW **91 RIDDER CIR** **MN AIRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN Financial Assurance**
0.375 mi. **MN WIMN**
1980 ft. **Site 2 of 2 in cluster AE** **MN NPDES**

Relative: Higher
Actual: 700 ft.

LUST:

Item ID:	185992-AREA0000000001
MNPCA ID:	Not reported
AI ID:	185992
AI Name:	Dakota Barge
Site Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.94443483
Longitude:	-93.06988633
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185992
Leak Discovered:	12/1/1989
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	10/22/1990
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	2/27/1990

MN AIRS:

Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	PM2.5 Primary
Emissions (lb):	1781.232
Emissions (tons):	0.890616

Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	CO2-equivalent
Emissions (lb):	909705.224
Emissions (tons):	454.852612

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2015
Industry Type:	Mining
Pollutant:	CO2-equivalent
Emissions (lb):	825618.68
Emissions (tons):	412.80934
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	CO2-equivalent
Emissions (lb):	553088.176
Emissions (tons):	276.544088
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1216.6
Emissions (tons):	0.6083
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	2051.6
Emissions (tons):	1.0258

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	4788
Emissions (tons):	2.394

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	893.74
Emissions (tons):	0.44687
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	598.02
Emissions (tons):	0.29901
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	405
Emissions (tons):	0.2025
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	PM2.5 Primary
Emissions (lb):	389.13
Emissions (tons):	0.194565
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	326
Emissions (tons):	0.163
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Manganese
Emissions (lb):	0.8888
Emissions (tons):	0.0004444

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
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Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Selenium
Emissions (lb):	0.016878
Emissions (tons):	8.439e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
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Contact Phone:	(651) 774-7421
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Latitude:	44.94442679
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Chromium (VI)
Emissions (lb):	0.01015
Emissions (tons):	5.075e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Copper
Emissions (lb):	0.006752
Emissions (tons):	3.376e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Cadmium
Emissions (lb):	0.0054
Emissions (tons):	2.7e-06

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
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Contact Name:	Ms. Denice Semple
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Arsenic
Emissions (lb):	0.0045
Emissions (tons):	2.25e-06

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Contact Name:	Ms. Denice Semple
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Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Zinc
Emissions (lb):	0.0045
Emissions (tons):	2.25e-06

Facility ID:	12300760
File Number:	4480NM
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Mail Address:	91 Ridder Cir
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Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Beryllium
Emissions (lb):	0.003376
Emissions (tons):	1.688e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Nickel
Emissions (lb):	0.003376
Emissions (tons):	1.688e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Mercury
Emissions (lb):	0.0013502
Emissions (tons):	6.751e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Propylene
Emissions (lb):	2.902
Emissions (tons):	0.001451
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
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Contact Name:	Ms. Denice Semple
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Formaldehyde
Emissions (lb):	1.3278
Emissions (tons):	0.0006639
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Benzene
Emissions (lb):	1.0498
Emissions (tons):	0.0005249

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File Number:	4480NM
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Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Acetaldehyde
Emissions (lb):	0.863
Emissions (tons):	0.0004315

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Toluene
Emissions (lb):	0.4602
Emissions (tons):	0.0002301
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Xylenes (Mixed Isomers)
Emissions (lb):	0.3206
Emissions (tons):	0.0001603
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Acrolein

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	0.10408
Emissions (tons):	5.204e-05
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	1,3-Butadiene
Emissions (lb):	0.018002
Emissions (tons):	9.001e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Chromium (III)
Emissions (lb):	0.002228
Emissions (tons):	1.114e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
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Latitude:	44.94442679
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Naphthalene
Emissions (lb):	0.09542
Emissions (tons):	4.771e-05

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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Phenanthrene
Emissions (lb):	0.03308
Emissions (tons):	1.654e-05

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SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Fluorene
Emissions (lb):	0.03286
Emissions (tons):	1.643e-05
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Fluoranthene
Emissions (lb):	0.008562
Emissions (tons):	4.281e-06
Facility ID:	12300760
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SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Acenaphthylene
Emissions (lb):	0.005694
Emissions (tons):	2.847e-06

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

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File Number:	4480NM
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Pyrene
Emissions (lb):	0.005378
Emissions (tons):	2.689e-06

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SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Anthracene
Emissions (lb):	0.002104
Emissions (tons):	1.052e-06

Facility ID:	12300760
File Number:	4480NM
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Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Benz(A)Anthracene
Emissions (lb):	0.0018904
Emissions (tons):	9.452e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
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Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Acenaphthene
Emissions (lb):	0.0015978
Emissions (tons):	7.989e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	0.000656
Emissions (tons):	3.28e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	0.0005502
Emissions (tons):	2.751e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	0.000422
Emissions (tons):	2.11e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Chrysene
Emissions (lb):	0.0003972
Emissions (tons):	1.986e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	0.0002116
Emissions (tons):	1.058e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	0.0001744
Emissions (tons):	8.72e-08
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	0.0001115
Emissions (tons):	5.575e-08
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Mining
Pollutant:	Carbon Monoxide

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	1360
Emissions (tons):	0.68
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	6280
Emissions (tons):	3.14
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	840
Emissions (tons):	0.42
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	620
Emissions (tons):	0.31

Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	520
Emissions (tons):	0.26

Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	420
Emissions (tons):	0.21
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	1340
Emissions (tons):	0.67

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	6260
Emissions (tons):	3.13

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	840
Emissions (tons):	0.42

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	620
Emissions (tons):	0.31

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	520
Emissions (tons):	0.26

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2009
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	420
Emissions (tons):	0.21
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
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Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	1020
Emissions (tons):	0.51
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	4700
Emissions (tons):	2.35

Facility ID:	12300760
File Number:	4480NM
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Contact Name:	Ms. Denice Semple
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Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	640
Emissions (tons):	0.32

Facility ID:	12300760
File Number:	4480NM
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Mail Address:	91 Ridder Cir
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Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	480
Emissions (tons):	0.24
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	380
Emissions (tons):	0.19
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Mining
Pollutant:	Sulfur Dioxide

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	300
Emissions (tons):	0.15
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	1040
Emissions (tons):	0.52
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	4820
Emissions (tons):	2.41
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	640
Emissions (tons):	0.32
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	480
Emissions (tons):	0.24
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	320
Emissions (tons):	0.16
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	400
Emissions (tons):	0.2

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Acenaphthene
Emissions (lb):	0.00016138
Emissions (tons):	8.069e-08

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Acenaphthylene
Emissions (lb):	1.94e-06
Emissions (tons):	9.7e-10

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Acetaldehyde
Emissions (lb):	0.03765569
Emissions (tons):	1.8827845e-05

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Ammonia
Emissions (lb):	10.90599995
Emissions (tons):	0.005452999975
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Anthracene
Emissions (lb):	9.36e-06
Emissions (tons):	4.68e-09
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
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Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Arsenic
Emissions (lb):	0.00430351
Emissions (tons):	2.151755e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Benz(A)Anthracene
Emissions (lb):	3.12e-05
Emissions (tons):	1.56e-08

Facility ID:	12300760
File Number:	4480NM
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Mail Address:	91 Ridder Cir
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Contact Name:	Ms. Denice Semple
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Contact Fax:	(651) 222-3831
Latitude:	44.94442679
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Benzo(B+K)Fluoranthene
Emissions (lb):	1.183e-05
Emissions (tons):	5.915e-09

Facility ID:	12300760
File Number:	4480NM
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Mail Address:	91 Ridder Cir
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Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	1.721e-05
Emissions (tons):	8.605e-09
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Benzene
Emissions (lb):	0.00161382
Emissions (tons):	8.0691e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Beryllium

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	0.00322763
Emissions (tons):	1.613815e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Cadmium
Emissions (lb):	0.00322763
Emissions (tons):	1.613815e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Chromium
Emissions (lb):	0.00322763
Emissions (tons):	1.613815e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Chrysene
Emissions (lb):	1.829e-05
Emissions (tons):	9.145e-09

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	1040
Emissions (tons):	0.52

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	1.291e-05
Emissions (tons):	6.455e-09
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Fluoranthene
Emissions (lb):	3.766e-05
Emissions (tons):	1.883e-08
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Fluorene
Emissions (lb):	3.443e-05
Emissions (tons):	1.7215e-08

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Formaldehyde
Emissions (lb):	0.25821045
Emissions (tons):	0.000129105225

Facility ID:	12300760
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Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	1.614e-05
Emissions (tons):	8.07e-09

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0.00968289
Emissions (tons):	4.841445e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Manganese
Emissions (lb):	0.00645526
Emissions (tons):	3.22763e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Mercury
Emissions (lb):	0.00322763
Emissions (tons):	1.613815e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Naphthalene
Emissions (lb):	0.0087146
Emissions (tons):	4.3573e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Nickel
Emissions (lb):	0.00322763
Emissions (tons):	1.613815e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	4800
Emissions (tons):	2.4

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SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Phenanthrene
Emissions (lb):	8.069e-05
Emissions (tons):	4.0345e-08

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	640
Emissions (tons):	0.32
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	480
Emissions (tons):	0.24
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	PM2.5 Primary

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	3.59999992
Emissions (tons):	0.00179999996
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Pyrene
Emissions (lb):	3.228e-05
Emissions (tons):	1.614e-08
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Selenium
Emissions (lb):	0.01613815
Emissions (tons):	8.069075e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	320
Emissions (tons):	0.16

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	400
Emissions (tons):	0.2

Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	24520
Emissions (tons):	12.26
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	3448
Emissions (tons):	1.724
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	17050
Emissions (tons):	8.525

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	4850.24
Emissions (tons):	2.42512

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
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Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	2792.388
Emissions (tons):	1.396194

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	PM2.5 Primary
Emissions (lb):	1729.494
Emissions (tons):	0.864747

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	1915.6
Emissions (tons):	0.9578

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2013
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1379.2
Emissions (tons):	0.6896
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2013
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	3016
Emissions (tons):	1.508

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	14016
Emissions (tons):	7.008

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	1579.84
Emissions (tons):	0.78992
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	1277.5
Emissions (tons):	0.63875
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	PM2.5 Primary

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	1045.722
Emissions (tons):	0.522861
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	921.2
Emissions (tons):	0.4606
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1144
Emissions (tons):	0.572
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
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Contact Name:	Ms. Denice Semple
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Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2012
Industry Type:	Mining
Pollutant:	CO2-equivalent
Emissions (lb):	520175.908
Emissions (tons):	260.087954
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	4960
Emissions (tons):	2.48
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	S
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
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Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	1067.6
Emissions (tons):	0.5338

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	1395.58
Emissions (tons):	0.69779

Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	1994.8
Emissions (tons):	0.9974

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	979.6
Emissions (tons):	0.4898

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	14904
Emissions (tons):	7.452

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
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Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2014
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	1790.34
Emissions (tons):	0.89517
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Ammonia
Emissions (lb):	34.54
Emissions (tons):	0.01727
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	1815.8
Emissions (tons):	0.9079

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	PM Primary
Emissions (lb):	1862
Emissions (tons):	0.931

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	Ammonia
Emissions (lb):	51.56
Emissions (tons):	0.02578
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	Sulfur Dioxide

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	1611.2
Emissions (tons):	0.8056
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	5276
Emissions (tons):	2.638
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Carbon Monoxide
Emissions (lb):	3208
Emissions (tons):	1.604
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Acenaphthene
Emissions (lb):	0.0048
Emissions (tons):	2.4e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Acenaphthylene
Emissions (lb):	0.017106
Emissions (tons):	8.553e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Acetaldehyde
Emissions (lb):	2.592
Emissions (tons):	0.001296
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Acrolein
Emissions (lb):	0.3128
Emissions (tons):	0.0001564
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Aldehyde
Emissions (lb):	236.6
Emissions (tons):	0.1183

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Anthracene
Emissions (lb):	0.006322
Emissions (tons):	3.161e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Arsenic
Emissions (lb):	0.013522
Emissions (tons):	6.761e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Benz(A)Anthracene
Emissions (lb):	0.00568
Emissions (tons):	2.84e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	0.0016532
Emissions (tons):	8.266e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
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Contact Name:	Ms. Denice Semple
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Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Benzene
Emissions (lb):	3.154
Emissions (tons):	0.001577
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	0.0006356
Emissions (tons):	3.178e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	0.000335
Emissions (tons):	1.675e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	0.000524
Emissions (tons):	2.62e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Beryllium
Emissions (lb):	0.010142
Emissions (tons):	5.071e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	1,3-Butadiene
Emissions (lb):	0.05408
Emissions (tons):	2.704e-05
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Cadmium
Emissions (lb):	0.016226
Emissions (tons):	8.113e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Chromium (III)

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	0.0305
Emissions (tons):	1.525e-05
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Chromium (VI)
Emissions (lb):	0.006694
Emissions (tons):	3.347e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Chrysene
Emissions (lb):	0.0011934
Emissions (tons):	5.967e-07
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Copper
Emissions (lb):	0.02028
Emissions (tons):	1.014e-05

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	0.0019708
Emissions (tons):	9.854e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Fluoranthene
Emissions (lb):	0.02572
Emissions (tons):	1.286e-05
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Fluorene
Emissions (lb):	0.09872
Emissions (tons):	4.936e-05
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Formaldehyde
Emissions (lb):	3.99
Emissions (tons):	0.001995

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	0.0012678
Emissions (tons):	6.339e-07

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Manganese
Emissions (lb):	2.67
Emissions (tons):	0.001335

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Mercury
Emissions (lb):	0.004056
Emissions (tons):	2.028e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Naphthalene
Emissions (lb):	0.2866
Emissions (tons):	0.0001433

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Nickel
Emissions (lb):	0.010142
Emissions (tons):	5.071e-06
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Phenanthrene
Emissions (lb):	0.09938
Emissions (tons):	4.969e-05
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Propylene
Emissions (lb):	8.722
Emissions (tons):	0.004361
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Pyrene
Emissions (lb):	0.01616
Emissions (tons):	8.08e-06

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Selenium
Emissions (lb):	0.0507
Emissions (tons):	2.535e-05

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Toluene
Emissions (lb):	1.3826
Emissions (tons):	0.0006913
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Xylenes (Mixed Isomers)
Emissions (lb):	0.9634
Emissions (tons):	0.0004817
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple
Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	Zinc

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Emissions (lb):	0.013522
Emissions (tons):	6.761e-06
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	PM10 Primary
Emissions (lb):	1810.4
Emissions (tons):	0.9052
Facility ID:	12300760
File Number:	4480NM
Fedral/State:	State
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Ms. Denice Semple

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Contact Phone:	(651) 774-7421
Contact Fax:	(651) 222-3831
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	1422
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Limits to Avoid Pt 70/Limits to Avoid NSR
Action ID:	1
Effective Start:	05/25/2010
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2014
Industry Type:	Mining
Pollutant:	PM2.5 Primary
Emissions (lb):	1265.69
Emissions (tons):	0.632845

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	PM2.5 Primary
Emissions (lb):	1616.592
Emissions (tons):	0.808296

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	Sulfur Dioxide
Emissions (lb):	1462.2
Emissions (tons):	0.7311
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	Volatile Organic Compounds
Emissions (lb):	2000
Emissions (tons):	1
Facility ID:	12300760
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Mining
Pollutant:	Ammonia
Emissions (lb):	56.82
Emissions (tons):	0.02841

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Facility ID:	12300760
File Number:	4480NM
Fedral/State:	Not reported
Mail Address:	91 Ridder Cir
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Julie Semple
Contact Phone:	(651) 772-1449
Contact Fax:	Not reported
Latitude:	44.94442679
Longitude:	-93.06987857
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	212312
Permip Program Type:	NM
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Mining
Pollutant:	Nitrogen Oxides
Emissions (lb):	22240
Emissions (tons):	11.12

MN Financial Assurance 1:

PROGRAM ID:	216539
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	263597
Interest Telephone:	Not reported
Preferred ID:	3798
Interest Start Date:	09/22/1995
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	11/14/2006 07:11:50
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	216539
Township Name:	White Bear
Region:	1
Interest Type:	Leak Site
ADDR ID:	123736
Interest Telephone:	NO CORE PI PH.
Preferred ID:	3798
Interest Start Date:	09/22/1995
Interest End Date:	01/20/2009
Activity Flag:	N
TMSP Added:	11/14/2006

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	241768
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	216539
Lat/Long ID:	3126
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	37.6682
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	11.8863
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:06
TMSP Last Update:	05/03/2007 08:50:54
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	TALES
Site ID:	241768
Spatial ID:	51742413

Program Id:	216539
Lat/Long ID:	130193
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	37.65
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	11.87
Collection Date:	03/29/2010 19:07:34
Lat/Long Description:	Not reported
TMSP Added:	11/14/2006 07:12:02
TMSP Last Update:	03/29/2010 19:32:34
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	241768
Spatial ID:	51742413

Staff Name:

Program Id:	216539
Staff Sequence ID:	27303

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:24
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	1612

Program Id:	216539
Staff Sequence ID:	11959
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:08
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	SPS
Staff ID Number:	3340

Program Id:	216539
Staff Sequence ID:	16018
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:13
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	248

WIMN:

Status:	Y
Latitude:	44.934080059999999
Longitude:	-93.076966490000004
Item ID:	Not reported
AI ID:	205479
Document ID:	Not reported
Subject Item Type Code:	Not reported
Subject Item Category Code:	Not reported
Subject Item ID:	Not reported
Subject Item Category Description:	Not reported
Subject Item Type Description:	Not reported
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	SSTS
Program List:	SS
City, Township or Unorganized code:	Not reported
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	Not reported
USGS 12-digits:	Not reported
USGS 12-digits Name:	Not reported
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Z1
Method Description:	Zip Code Centroid
Ref Code:	Not reported
Ref Description:	Not reported
Location Verified Flag:	Not reported
Collection Date:	Not reported
Timestamp of Creation:	Not reported
User Name of Creator:	Not reported
Timestamp of Last Update:	Not reported
User Name of Last Update:	Not reported
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	SSTS, Licensed Organization
Activity List:	SSTS, Licensed Organization
MPCA ID:	L1039
MPCA List:	L1039
Program List:	SSTS
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=205479

WIMN:

Legislative District:	65B
Latitude:	44.94442679
Longitude:	-93.06987857
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND066546128
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=71807
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Legislative District:	65B
Latitude:	44.94442679
Longitude:	-93.06987857
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=71698
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Legislative District:	65B

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Latitude:	44.94442679
Longitude:	-93.06987857
Activity:	Leak Site
MPCA ID:	3798
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=241768
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

NPDES:

Envid:	S109511725
Facility Name:	SEMPLE RECYCLING & CRUSHING LLC
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR05349P
Preferred ID:	Not reported
Activity Sys ID:	36615
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	06/16/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9438633
Longitude Degree:	-93.069966
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Doboszenski and Son Inc
Owner Organization Type:	Not reported
Permit Sys ID:	96629
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	4
Activity Description:	Park and store equipment, excavating and trucking, house and building movers, crushing and recycling, dirt, sand and Class 5 (Waterbody <1 Mile? N.)
No Exposure:	No
One Mile:	Not reported
Permit Type:	Industrial Stormwater Permit
Sector List:	AB, E, J
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported

SEMPLE RECYCLING & CRUSHING LLC (Continued) **S109511725**

Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

164
WSW
1/4-1/2
0.382 mi.
2016 ft.

THOELE PRINTING INC
253 STATE ST STE A
ST. PAUL, MN 55107

RCRA NonGen / NLR **1004734928**
MN WIMN **MND985770783**

Relative:
Higher

Actual:
700 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/14/2005
Facility name:	THOELE PRINTING INC
Facility address:	253 STATE ST STE A ST. PAUL, MN 55107
EPA ID:	MND985770783
Contact:	RAY HUNDLBY
Contact address:	253 STATE ST STE A ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-224-9631
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	THOELE PRINTING INC
Owner/operator address:	253 STATE ST STE A ST. PAUL, MN 55107
Owner/operator country:	US

THOELE PRINTING INC (Continued) **1004734928**

Owner/operator telephone: 651-224-9631
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1999
Owner/Op end date: 02/15/2005

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/31/1993
Site name: THOELE PRINTING INC
Classification: Not a generator, verified

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

Violation Status: No violations found

WIMN:
Status: N
Latitude: 44.938057200000003
Longitude: -93.078074599999994
Item ID: 27622-AISI0000027622
AI ID: 27622

THOELE PRINTING INC (Continued) **1004734928**

Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27622
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	02/15/2005
The Delta Spatial ID:	20673
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985770783
MPCA List:	MND985770783
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27622

WIMN:

Legislative District:	65B
Latitude:	44.93805725
Longitude:	-93.07807465
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985770783
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32816
Coordinate Collection Method:	Digitized - Map Tool

THOELE PRINTING INC (Continued) **1004734928**

Status: Inactive

AD165 **MINI STORAGE** **MN VIC** **S103909149**
SSW **246 EATON ST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.384 mi. **MN SPILLS**
2025 ft. **Site 3 of 4 in cluster AD** **MN Financial Assurance**
MN LS
Relative: Higher **MN WIMN**

Actual: 700 ft.

VIC:

Facility ID:	VP4890
Facility Type:	Brownfield Site
Item ID:	196175-AREA0000000001
AI ID:	196175
AI Name:	Mini Storage
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Wayne Sarappo (former)
Latitude:	44.93414688
Longitude:	-93.07611847
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/15/1994
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/12/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP4890
Facility Address 2:	Not reported
Core Program Interest ID:	335669
Link ID:	4041
Site Type:	Ash Disposal
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	3
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False

MINI STORAGE (Continued) **S103909149**

District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	06/15/1994
Last Update Date:	08/09/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493993.85622999998
Utm North:	4975637.84509
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported

MINI STORAGE (Continued) **S103909149**

Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4890
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported

MINI STORAGE (Continued) **S103909149**

SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 1994-06-15 00:00:00
Date End: 1998-06-12 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-14 00:00:00
Facid: VP4890
Event: 1
Additional Information: None
Record Number: 3336

Date Started: Not reported
Date End: 1995-08-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-14 00:00:00
Facid: VP4890
Event: 1
Additional Information: None
Record Number: 3337

Date Started: Not reported
Date End: 1995-08-14 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-14 00:00:00
Facid: VP4890
Event: 1
Additional Information: None
Record Number: 3338

Date Started: Not reported
Date End: 1995-09-08 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-14 00:00:00
Facid: VP4890
Event: 1
Additional Information: None
Record Number: 3339

Date Started: Not reported
Date End: 1995-09-08 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-14 00:00:00
Facid: VP4890
Event: 1
Additional Information: None
Record Number: 3340

Date Started: Not reported

MINI STORAGE (Continued) **S103909149**

Date End:	1996-01-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP4890
Event:	1
Additional Information:	None
Record Number:	3341

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3387

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Facility ID:	VP4891
Facility Type:	Brownfield Site
Item ID:	196175-AREA0000000002
AI ID:	196175
AI Name:	Mini Storage
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Wayne Sarappo (former)
Latitude:	44.93452623
Longitude:	-93.07611279
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196175

MINI STORAGE (Continued) **S103909149**

Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/30/2004
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/30/2006
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP4891
Facility Address 2:	Not reported
Core Program Interest ID:	55132268
Link ID:	4041
Site Type:	Ash Disposal
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/30/2004
Last Update Date:	06/20/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported

MINI STORAGE (Continued) **S103909149**

PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493993.85622999998
Utm North:	4975637.84509
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Lektriever (St. Paul Office)
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4891
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported

MINI STORAGE (Continued) **S103909149**

# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2004-12-30 00:00:00
Date End:	2006-06-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-01-06 00:00:00
Facid:	VP4891
Event:	1
Additional Information:	None Entered
Record Number:	22890

Date Started:	Not reported
Date End:	2005-02-08 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-02-10 00:00:00
Facid:	VP4891
Event:	1
Additional Information:	None Entered

MINI STORAGE (Continued) **S103909149**

Record Number: 23045

Date Started: Not reported
Date End: 2005-02-08 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2005-02-10 00:00:00
Facid: VP4891
Event: 1
Additional Information: None Entered
Record Number: 23046

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N.
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1808
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: larry.quandt@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2005-01-06 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3379

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-7297
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: wayne.sarappo@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2005-01-06 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3387

Contact Type: 1
Company Name: Secure Mini Storage Limited Partnership
Contact Address: 701 Western Avenue
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 8182448080
Contact Phone Ext: Not reported
Contact Fax: 8185489288

MINI STORAGE (Continued) **S103909149**

Contact E-mail:	jbaumann@publicstorage.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-01-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	ENSR Consulting & Engineering
Contact Address:	1220 Avenida Acaso
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	8053883775
Contact Phone Ext:	Not reported
Contact Fax:	8053883577
Contact E-mail:	jfickerson@ensr.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-01-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

BROWNFIELDS:

Site ID:	VP4890
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	196175-AREA0000000001
AI ID:	196175
AI Name:	Mini Storage
Site type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Wayne Sarappo (former)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/15/1994
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/12/1998
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93414688
Longitude:	-93.07611847
Site ID:	VP4891

MINI STORAGE (Continued) **S103909149**

Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	196175-AREA0000000002
AI ID:	196175
AI Name:	Mini Storage
Site type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Wayne Sarappo (former)
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/30/2004
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/30/2006
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93452623
Longitude:	-93.07611279

SRS:

Facility ID:	VP4890
Item ID:	196175-AREA0000000001
AI ID:	196175
AI Name:	Mini Storage
Facility Type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Wayne Sarappo (former)
Latitude:	44.93414688
Longitude:	-93.07611847
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/15/1994
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/12/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	3
BPET:	Not reported

MINI STORAGE (Continued) **S103909149**

BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19940001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP4890
Facility Adress 2:	Not reported
Core Program Interest ID:	335669
Link ID:	4041
Site Type:	Ash Disposal
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	3
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	06/15/1994
Last Update Date:	08/09/2001
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported

MINI STORAGE (Continued) **S103909149**

Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493993.85622999998
Utm North:	4975637.84509
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4890
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported

MINI STORAGE (Continued) **S103909149**

Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1994-06-15 00:00:00
Date End:	1998-06-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP4890
Event:	1
Additional Information:	None
Record Number:	3336

Date Started:	Not reported
Date End:	1995-08-21 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP4890
Event:	1
Additional Information:	None
Record Number:	3337

Date Started:	Not reported
Date End:	1995-08-14 00:00:00
Planned Start Date:	Not reported

MINI STORAGE (Continued) **S103909149**

Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP4890
Event:	1
Additional Information:	None
Record Number:	3338

Date Started:	Not reported
Date End:	1995-09-08 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP4890
Event:	1
Additional Information:	None
Record Number:	3339

Date Started:	Not reported
Date End:	1995-09-08 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP4890
Event:	1
Additional Information:	None
Record Number:	3340

Date Started:	Not reported
Date End:	1996-01-17 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-14 00:00:00
Facid:	VP4890
Event:	1
Additional Information:	None
Record Number:	3341

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3387

Contact Type:	1
Company Name:	MPCA

MINI STORAGE (Continued) **S103909149**

Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Facility ID:	VP4891
Item ID:	196175-AREA0000000002
AI ID:	196175
AI Name:	Mini Storage
Facility Type:	Brownfield Site
Hydro:	Larry Quandt (no longer at MPCA)
Project Manager:	Wayne Sarappo (former)
Latitude:	44.93452623
Longitude:	-93.07611279
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/30/2004
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/30/2006
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	3
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20040001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP4891
Facility Adress 2:	Not reported
Core Program Interest ID:	55132268
Link ID:	4041

MINI STORAGE (Continued) **S103909149**

Site Type:	Ash Disposal
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	3
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/30/2004
Last Update Date:	06/20/2006
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2

MINI STORAGE (Continued) **S103909149**

Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493993.85622999998
Utm North:	4975637.84509
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Lektriever (St. Paul Office)
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP4891
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1

MINI STORAGE (Continued) **S103909149**

Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2004-12-30 00:00:00
Date End:	2006-06-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-01-06 00:00:00
Facid:	VP4891
Event:	1
Additional Information:	None Entered
Record Number:	22890

Date Started:	Not reported
Date End:	2005-02-08 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-02-10 00:00:00
Facid:	VP4891
Event:	1
Additional Information:	None Entered
Record Number:	23045

Date Started:	Not reported
Date End:	2005-02-08 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-02-10 00:00:00
Facid:	VP4891
Event:	1
Additional Information:	None Entered
Record Number:	23046

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N.
Contact Address 2:	Not reported
Contact Province:	Not reported

MINI STORAGE (Continued) **S103909149**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1808
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	larry.quandt@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-01-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3379

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-7297
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	wayne.sarappo@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-01-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3387

Contact Type:	1
Company Name:	Secure Mini Storage Limited Partnership
Contact Address:	701 Western Avenue
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	8182448080
Contact Phone Ext:	Not reported
Contact Fax:	8185489288
Contact E-mail:	jbaumann@publicstorage.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-01-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	ENSR Consulting & Engineering
Contact Address:	1220 Avenida Acaso
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	8053883775
Contact Phone Ext:	Not reported
Contact Fax:	8053883577
Contact E-mail:	jfickerson@ensr.com

MINI STORAGE (Continued) **S103909149**

Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-01-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SPILLS:

Program ID:	175281
Preferred ID:	17195
Incident ID:	17195
edr_fcity:	ST. PAUL
Incident Date:	7/7/1992
Program:	Emergency Management
Incident Types:	Spill or Release
Duty Officer Number:	Not reported
Lead Investigator:	Orbbie Webber
Incident Status:	Closed or Completed
Closure Type:	Not reported
AI ID source:	Not reported
Source name:	Not reported
Source Address:	Not reported
Source City:	Not reported
Source State:	Not reported
Source ZIP:	Not reported
Substance:	Unknown
Quantity:	0
Units:	unknown
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	175281
Facility Address 2:	Not reported
Spill Date:	07/07/1992

SPILLS:

Program ID:	175281
Spill Incident Accuracy ID:	69705
Spill Product Code:	37
Spill Qty Units:	15
Spill Incident Accuracy:	3
Spill Released Qty:	0
Tmsp Added:	03/21/1996 00:00:00
Tmsp Last Update:	05/04/2002 06:54:56
Staff ID Last Update:	TANKS

MN Financial Assurance 1:

PROGRAM ID:	175281
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	243523
Interest Telephone:	Not reported

MINI STORAGE (Continued) **S103909149**

Preferred ID:	17195
Interest Start Date:	03/21/1996
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	03/21/1996
TMSP Last Update:	05/04/2002 06:54:56
Staff ID Last Update:	TANKS
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

MN LS:

Link ID:	4041
EPA ID:	Not reported
MPCA ID:	VP4891
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

WIMN:

Status:	Y
Latitude:	44.934147160000002
Longitude:	-93.076118159999993
Item ID:	196175-AISI0000196175
AI ID:	196175
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	196175
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65

MINI STORAGE (Continued) **S103909149**

USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205cd
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	cd
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/26/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646294
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	VP4890; VP4891
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196175

WIMN:

Legislative District:	65B
Latitude:	44.93414688
Longitude:	-93.07611846
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=171848
Coordinate Collection Method:	Digitized-DRG
Status:	Inactive

AD166 **RIVERVIEW IND. PARK E-2 (VIKING)** **MN VIC S105004369**
SW **SEE LOCATION DESCRIPTION** **MN SRS N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.388 mi.
2047 ft. **Site 4 of 4 in cluster AD**

Relative:
Higher

Actual:
700 ft.

VIC:

Facility ID:	VP14520
Facility Type:	Brownfield Site
Item ID:	192759-AREA0000000001
AI ID:	192759
AI Name:	Riverview Ind. Park E-2 (Viking)

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.9343338
Longitude:	-93.07540131
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192759
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	05/09/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/06/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP14520
Facility Address 2:	Not reported
Core Program Interest ID:	336899
Link ID:	5499
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	none
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	05/09/2001
Last Update Date:	08/02/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	28
Range:	22
PLS Township Suffix:	w
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494050.46999999997
Utm North:	4975658.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP14520
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	2001-04-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-07-24 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	Site Meeting-See Remarks
Record Number:	11527

Date Started:	Not reported

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Date End:	2001-09-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-09-25 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	Site Construction Contingency Plan
Record Number:	11987

Date Started:	Not reported
Date End:	2001-11-06 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-07 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	#494662#Construction of Parking lot
Record Number:	12492

Date Started:	2001-05-09 00:00:00
Date End:	2001-11-06 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-05-09 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	None Entered
Record Number:	10960

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	Viking Drill & Tool, Inc.
Contact Address:	355 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512278911
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	1900 Landmark Center
Contact Address 2:	345 St. Peter Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Mackall, Crounse & Moore
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123051460
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Contact Type:	1
Company Name:	Wenck Associates, Inc.
Contact Address:	360 North Robert St, Suite 711
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	7634794246
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP14520
Item ID:	192759-AREA0000000001
AI ID:	192759
AI Name:	Riverview Ind. Park E-2 (Viking)
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.9343338
Longitude:	-93.07540131
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192759
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	05/09/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/06/2001
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	2
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20010001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Facility ID:	VP14520
Facility Adress 2:	Not reported
Core Program Interest ID:	336899
Link ID:	5499
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	2
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	none
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	05/09/2001
Last Update Date:	08/02/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	28
Range:	22
PLS Township Suffix:	w
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494050.46999999997
Utm North:	4975658.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP14520
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	Not reported
Date End:	2001-04-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-07-24 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	Site Meeting-See Remarks
Record Number:	11527

Date Started:	Not reported
Date End:	2001-09-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-09-25 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	Site Construction Contingency Plan
Record Number:	11987

Date Started:	Not reported
Date End:	2001-11-06 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-11-07 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	#494662#Construction of Parking lot
Record Number:	12492

Date Started:	2001-05-09 00:00:00
Date End:	2001-11-06 00:00:00
Planned Start Date:	Not reported

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Planned End Date:	Not reported
Last Update:	2001-05-09 00:00:00
Facid:	VP14520
Event:	1
Additional Information:	None Entered
Record Number:	10960

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	Viking Drill & Tool, Inc.
Contact Address:	355 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512278911
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T

RIVERVIEW IND. PARK E-2 (VIKING) (Continued) **S105004369**

Staff Id Num:	0
Contact Type:	1
Company Name:	St. Paul Port Authority
Contact Address:	1900 Landmark Center
Contact Address 2:	345 St. Peter Street
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512245686
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Mackall, Crounse & Moore
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6123051460
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Wenck Associates, Inc.
Contact Address:	360 North Robert St, Suite 711
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	7634794246
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-05-09 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

AF167 **GREENTREE HANGAR** **MN VIC** **S103909099**
SSE **HOLMAN FIELD NEAR EATON ST** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.390 mi.
2060 ft. **Site 1 of 4 in cluster AF**

Relative:
Higher

Actual:
700 ft.

VIC:

Facility ID:	VP7020
Facility Type:	Brownfield Site
Item ID:	193879-AREA0000000001
AI ID:	193879
AI Name:	Green Tree Hangar
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93241119
Longitude:	-93.06626892
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193879
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/08/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/22/1999
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP7020
Facility Address 2:	Not reported
Core Program Interest ID:	335802
Link ID:	4216
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported

GREENTREE HANGAR (Continued) **S103909099**

Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	07/08/1996
Last Update Date:	12/01/1998
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494771.125
Utm North:	4975444.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage

GREENTREE HANGAR (Continued) **S103909099**

VIC Application GIS: False
Petroleum Brownfields Prog?: False

Impact and Response Actions:
Facid: VP7020
GW Recepts Prot by Rem Actn: Not reported
Ecological receptors present: 1
Type of ecological receptors: Not reported
Acres of contaminated soil: Not reported
Volume of contaminated soil: Not reported
Acres of surface water impacted: Not reported
Acres of wetland impacted: Not reported
Acres of sediment impacted: Not reported
GW Plume Area Acres: Not reported
Cleanup Conducted: 1
Acres of Contam Soil remediate: Not reported
Volume of Soil Cleaned: Not reported
Municipal wells contamd: Not reported
Dom wells contam: Not reported
People Impct SW intake contam: Not reported
Drums Revolved from site: Not reported
Yr Soil Remediated: Not reported
Acres of Soil w/ Restrict Access: Not reported
Yr IC remedy complete: Not reported
Yr GW remedy completed: Not reported
Year GWIC completed: Not reported
Acres of wetland of sediment remediated: Not reported
Public financing: 1
Assurance help: 1
Land use Classfn At Site: Not reported
Land use Vicinity Of Site: Not reported
Deed notif Present On Site: 1
Restrictive Covenant Present: 1
Restrictions: Not reported
GW Pump and Treat Used at site: 1
Quaternary Perched: 1
Quaternary Water Table: 1
Quaternary Confined: 1
Cretaceous: 1
Plattville: 1
St. peter: 1
Prairie Duchien: 1
Jordan: 1
Ironton/Galesville: 1
Mt Simon Hinckley: 1
Precambrian Undefferentiated: 1
Other/Unknown Aquifier: 1
Date Info Last Updated: 2015-08-18 12:45:00
Inst Control Info Updated: Not reported
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:

GREENTREE HANGAR (Continued) **S103909099**

Date Started:	1996-07-08 00:00:00
Date End:	1999-05-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP7020
Event:	1
Additional Information:	None
Record Number:	3750

Date Started:	Not reported
Date End:	1996-08-21 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP7020
Event:	1
Additional Information:	None
Record Number:	3751

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2009-12-17 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-17 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported

GREENTREE HANGAR (Continued) **S103909099**

Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-28 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542
Contact Type:	1
Company Name:	Green Tree Financial Corporation
Contact Address:	345 St. Peter St.
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-12-01 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP7020
Item ID:	193879-AREA0000000001
AI ID:	193879
AI Name:	Green Tree Hangar
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93241119
Longitude:	-93.06626892
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193879
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/08/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/22/1999
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	1
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported

GREENTREE HANGAR (Continued) **S103909099**

IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19960001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP7020
Facility Adress 2:	Not reported
Core Program Interest ID:	335802
Link ID:	4216
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	07/08/1996
Last Update Date:	12/01/1998
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported

GREENTREE HANGAR (Continued) **S103909099**

NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494771.125
Utm North:	4975444.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP7020
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported

GREENTREE HANGAR (Continued) **S103909099**

Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1996-07-08 00:00:00
Date End:	1999-05-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP7020
Event:	1
Additional Information:	None
Record Number:	3750

Date Started:	Not reported
Date End:	1996-08-21 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP7020
Event:	1
Additional Information:	None
Record Number:	3751

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported

GREENTREE HANGAR (Continued) **S103909099**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2009-12-17 00:00:00

Contacts:

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-04-17 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1999-01-28 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 16542

Contact Type: 1
Company Name: Green Tree Financial Corporation
Contact Address: 345 St. Peter St.
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-12-01 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 0

AF168 **GREEN TREE HANGAR** **MN LS** **S102280302**
SSE **HOLMAN FIELD NEAR EATON ST** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.390 mi.
2060 ft. **Site 2 of 4 in cluster AF**

Relative: **Higher**
Actual: **700 ft.**

MN LS:

Link ID:	4216
EPA ID:	Not reported
MPCA ID:	VP7021
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

AF169 **GREENTREE HANGAR** **MN BROWNFIELDS** **S119124246**
SSE **HOLMAN FIELD NEAR EATON ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.390 mi.
2060 ft. **Site 3 of 4 in cluster AF**

Relative: **Higher**
Actual: **700 ft.**

BROWNFIELDS:

Site ID:	VP7020
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	193879-AREA0000000001
AI ID:	193879
AI Name:	Green Tree Hangar
Site type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193879
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	07/08/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	05/22/1999
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93241119

GREENTREE HANGAR (Continued) **S119124246**

Longitude: -93.06626892

AF170 **GREEN TREE HANGAR** **MN WIMN** **S120059870**
SSE **HOLMAN FIELD NEAR EATON ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.390 mi.
2060 ft. **Site 4 of 4 in cluster AF**

Relative: **Higher**
Actual: **700 ft.**

WIMN:

Status:	Y
Latitude:	44.932412810000002
Longitude:	-93.066265540000003
Item ID:	193879-AISI0000193879
AI ID:	193879
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	193879
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822208aa
PLS Township:	28
Range:	22
Range Direction:	W
Section:	8
Quarters:	aa
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646391
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs

GREEN TREE HANGAR (Continued) **S120059870**

MPCA List: VP7020; VP7021
Program List: Investigation and Cleanup
Classification: Not reported
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193879

AC171 **STATE STREET DUMP** **SEMS-ARCHIVE** **1003872965**
West **SATE & CHESTER STREETS** **MN VIC** **MND985678994**
1/4-1/2 **ST. PAUL, MN 55107** **MN SRS**
0.401 mi. **MN LS**
2118 ft. **Site 2 of 3 in cluster AC**

Relative:
Higher

Actual:
700 ft.

SEMS Archive:
Site ID: 506268
EPA ID: MND985678994
Cong District: 4
FIPS Code: 27123
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 5
Site ID: 506268
EPA ID: MND985678994
Site Name: STATE STREET DUMP
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1990-12-21 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 5
Site ID: 506268
EPA ID: MND985678994
Site Name: STATE STREET DUMP
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1990-12-21 00:00:00
Qual: N
Current Action Lead: St Perf

Region: 5
Site ID: 506268
EPA ID: MND985678994
Site Name: STATE STREET DUMP
NPL: N
FF: N
OU: 0

STATE STREET DUMP (Continued) **1003872965**

Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1989-12-11 00:00:00
Finish Date:	1989-12-11 00:00:00
Qual:	Not reported
Current Action Lead:	St Perf

VIC:

Facility ID:	VP15270
Facility Type:	Brownfield Site
Item ID:	189175-AREA0000000001
AI ID:	189175
AI Name:	State Street Vacant Land
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.939337
Longitude:	-93.0780455
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/07/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/02/2003
Owner:	Electric Cords Inc
Owner Address:	5350 Highway 61
Owner City:	White Bear Township
Owner State:	MN
Owner ZIP:	551102375

Prior Aug 2016:

Facility ID:	VP15270
Facility Address 2:	Not reported
Core Program Interest ID:	337005
Link ID:	5599
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro

STATE STREET DUMP (Continued) **1003872965**

Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	none
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/07/2001
Last Update Date:	02/16/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	28
Range:	22
PLS Township Suffix:	w
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	U
Utm Method:	M1
Utm Scale:	A
Utm Accuracy:	U
Utm East:	493983.82000000001
Utm North:	4976121
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported

STATE STREET DUMP (Continued) **1003872965**

PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP15270
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	1
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2003-06-18 00:00:00
Inst Control Info Updated:	2003-06-18 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported

STATE STREET DUMP (Continued) **1003872965**

SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 2001-12-07 00:00:00
Date End: 2003-04-02 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2001-12-13 00:00:00
Facid: VP15270
Event: 1
Additional Information: None Entered
Record Number: 12698

Date Started: Not reported
Date End: 2001-09-14 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-01-24 00:00:00
Facid: VP15270
Event: 1
Additional Information: 4 trenches advanced to evaluate possible footing locations for building expansion by Anheuser-Busch
Record Number: 12961

Date Started: Not reported
Date End: 2001-11-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-01-24 00:00:00
Facid: VP15270
Event: 1
Additional Information: Release reported to Duty Officer
Record Number: 12965

Date Started: Not reported
Date End: 1992-06-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-02-27 00:00:00
Facid: VP15270
Event: 1
Additional Information: EnPro: 4 soil borings: 1 to 20' in former paint and machine shop area; 2 to 10'; 1 near former coal bin and lead kettles area; 1 near dry well
Record Number: 13388

Date Started: Not reported
Date End: 2002-03-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-03-05 00:00:00
Facid: VP15270
Event: 1
Additional Information: To Capitol Beverage for acquisition of fee title to site, and use of site to store vehicles

STATE STREET DUMP (Continued) **1003872965**

Record Number: 13430

Date Started: Not reported
Date End: 2002-03-15 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-03-18 00:00:00
Facid: VP15270
Event: 1
Additional Information: Workplan for Collection of Additional Shallow Soil Samples
Record Number: 13518

Date Started: Not reported
Date End: 2002-03-08 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-04-22 00:00:00
Facid: VP15270
Event: 1
Additional Information: Additional borings, samples and vapor samples; delineation of surface debris; Contractors used: MESA of New Prague for geoprobes; Pace - lab for samples
Record Number: 13801

Date Started: Not reported
Date End: 2002-04-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-05-01 00:00:00
Facid: VP15270
Event: 1
Additional Information: For Capitol Beverage’s redevelopment activities
Record Number: 13884

Date Started: Not reported
Date End: 2003-01-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2003-01-29 00:00:00
Facid: VP15270
Event: 1
Additional Information: Review letter of Health & Safety Plan
Record Number: 16290

Date Started: Not reported
Date End: 2003-04-02 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2003-04-03 00:00:00
Facid: VP15270
Event: 1
Additional Information: No action for soils, contingent upon restrictive cov.
Record Number: 16529

Date Started: Not reported
Date End: 2003-01-13 00:00:00
Planned Start Date: 2003-02-12 00:00:00

STATE STREET DUMP (Continued) **1003872965**

Planned End Date:	Not reported
Last Update:	2003-06-18 00:00:00
Facid:	VP15270
Event:	1
Additional Information:	Restrictive Covenant (sign and file date)
Record Number:	16820

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	6.5999999
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	1350
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1350
Date Info Last Updated:	2002-01-24 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	3.2
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	5.4000001
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	5.3000002
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	5.3000002
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00

Contaminant Id:	1

STATE STREET DUMP (Continued) **1003872965**

Contaminated Media: 1
Req Cleanup Concluded: 2.8
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 2.7
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 5.1999998
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 10
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 2.4000001
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 8.8999996
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 11
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1

STATE STREET DUMP (Continued) **1003872965**

Req Cleanup Concluded:	290
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	310
Date Info Last Updated:	2002-01-24 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	Capitol Beverage Sales
Contact Address:	295 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512980800
Contact Phone Ext:	Not reported
Contact Fax:	6512989542
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

STATE STREET DUMP (Continued) **1003872965**

Contact Type:	1
Company Name:	Electric Cords Inc.
Contact Address:	5350 Highway 61
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514267958
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Environmental Resources Management
Contact Address:	289 East Fifth Street, Suite 201
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512254554
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP15270
Item ID:	189175-AREA0000000001
AI ID:	189175
AI Name:	State Street Vacant Land
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.939337
Longitude:	-93.0780455
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/07/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/02/2003
Owner:	Electric Cords Inc

STATE STREET DUMP (Continued) **1003872965**

Owner Address:	5350 Highway 61
Owner City:	White Bear Township
Owner State:	MN
Owner ZIP:	551102375
Acreage:	1
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Y
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20010001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP15270
Facility Adress 2:	Not reported
Core Program Interest ID:	337005
Link ID:	5599
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	none
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	12/07/2001
Last Update Date:	02/16/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A

STATE STREET DUMP (Continued) **1003872965**

Township:	28
Range:	22
PLS Township Suffix:	w
Section:	5
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	U
Utm Method:	M1
Utm Scale:	A
Utm Accuracy:	U
Utm East:	493983.82000000001
Utm North:	4976121
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP15270
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	1
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported

STATE STREET DUMP (Continued) **1003872965**

Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2003-06-18 00:00:00
Inst Control Info Updated:	2003-06-18 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2001-12-07 00:00:00
Date End:	2003-04-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2001-12-13 00:00:00
Facid:	VP15270
Event:	1
Additional Information:	None Entered
Record Number:	12698

Date Started:	Not reported
Date End:	2001-09-14 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2002-01-24 00:00:00
Facid:	VP15270
Event:	1

STATE STREET DUMP (Continued) **1003872965**

Additional Information: 4 trenches advanced to evaluate possible footing locations for building expansion by Anheuser-Busch
Record Number: 12961

Date Started: Not reported
Date End: 2001-11-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-01-24 00:00:00
Facid: VP15270
Event: 1
Additional Information: Release reported to Duty Officer
Record Number: 12965

Date Started: Not reported
Date End: 1992-06-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-02-27 00:00:00
Facid: VP15270
Event: 1
Additional Information: EnPro: 4 soil borings: 1 to 20' in former paint and machine shop area; 2 to 10'; 1 near former coal bin and lead kettles area; 1 near dry well
Record Number: 13388

Date Started: Not reported
Date End: 2002-03-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-03-05 00:00:00
Facid: VP15270
Event: 1
Additional Information: To Capitol Beverage for acquisition of fee title to site, and use of site to store vehicles
Record Number: 13430

Date Started: Not reported
Date End: 2002-03-15 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-03-18 00:00:00
Facid: VP15270
Event: 1
Additional Information: Workplan for Collection of Additional Shallow Soil Samples
Record Number: 13518

Date Started: Not reported
Date End: 2002-03-08 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-04-22 00:00:00
Facid: VP15270
Event: 1
Additional Information: Additional borings, samples and vapor samples; delineation of surface debris; Contractors used: MESA of New Prague for geoprobes; Pace - lab for samples

STATE STREET DUMP (Continued) **1003872965**

Record Number: 13801

Date Started: Not reported
Date End: 2002-04-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2002-05-01 00:00:00
Facid: VP15270
Event: 1
Additional Information: For Capitol Beverage's redevelopment activities
Record Number: 13884

Date Started: Not reported
Date End: 2003-01-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2003-01-29 00:00:00
Facid: VP15270
Event: 1
Additional Information: Review letter of Health & Safety Plan
Record Number: 16290

Date Started: Not reported
Date End: 2003-04-02 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2003-04-03 00:00:00
Facid: VP15270
Event: 1
Additional Information: No action for soils, contingent upon restrictive cov.
Record Number: 16529

Date Started: Not reported
Date End: 2003-01-13 00:00:00
Planned Start Date: 2003-02-12 00:00:00
Planned End Date: Not reported
Last Update: 2003-06-18 00:00:00
Facid: VP15270
Event: 1
Additional Information: Restrictive Covenant (sign and file date)
Record Number: 16820

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 6.5999999
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 1350
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1350

STATE STREET DUMP (Continued) **1003872965**

Date Info Last Updated:	2002-01-24 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	3.2
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	5.4000001
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	5.3000002
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	5.3000002
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	2.8
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	2.7
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	5.1999998
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2002-01-24 00:00:00

STATE STREET DUMP (Continued) **1003872965**

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 10
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 2.4000001
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 8.8999996
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 11
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2002-01-24 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 290
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 310
Date Info Last Updated: 2002-01-24 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2001-12-13 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

STATE STREET DUMP (Continued) **1003872965**

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	Capitol Beverage Sales
Contact Address:	295 State Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512980800
Contact Phone Ext:	Not reported
Contact Fax:	6512989542
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Electric Cords Inc.
Contact Address:	5350 Highway 61
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6514267958
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Environmental Resources Management
Contact Address:	289 East Fifth Street, Suite 201
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported

STATE STREET DUMP (Continued) **1003872965**

Contact Postal code:	Not reported
Contact Phone:	6512254554
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2001-12-13 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

MN LS:

Link ID:	5599
EPA ID:	Not reported
MPCA ID:	VP15270
Method:	M1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

AC172 **STATE STREET VACANT LAND** **MN INST CONTROL** **S119124705**
West **STATE ST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN WIMN**
0.401 mi.
2118 ft. **Site 3 of 3 in cluster AC**

Relative:
Higher

Actual:
700 ft.

INST CONTROL:

Site ID:	189175
Latitude:	44.9384964
Longitude:	-93.0762512
Owner Name:	Electric Cords Inc
Program Name:	Investigation and Cleanup
Active:	N
Activity Type Name:	Brownfields
Activity Sub Type Name:	Voluntary Investigation and Cleanup
Industrial Classification:	Not reported
Activity ID:	VP15270
Activity Name:	State Street Vacant Land
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Address Matching House Number
Institutional Control:	Y
District:	4

BROWNFIELDS:

Site ID:	VP15270

STATE STREET VACANT LAND (Continued) **S119124705**

Leak Num:	Not reported
Owner Name:	Electric Cords Inc
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	189175-AREA0000000001
AI ID:	189175
AI Name:	State Street Vacant Land
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189175
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/07/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/02/2003
Owner Address:	5350 Highway 61
Owner City:	White Bear Township
Owner State:	MN
Owner ZIP:	551102375
Latitude:	44.939337
Longitude:	-93.0780455

WIMN:

Status:	Y
Latitude:	44.938496399999998
Longitude:	-93.076251200000002
Item ID:	189175-AISI0000189175
AI ID:	189175
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	189175
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported

STATE STREET VACANT LAND (Continued) **S119124705**

Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205c
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	c
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50647308
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP15270
MPCA List:	VP15270
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=189175

AG173 **BALLISTIC RECOVERY SYSTEMS** **MN WIMN S110426718**
South **380 AIRPORT RD** **MN NPDES N/A**
1/4-1/2 **SAINT PAUL, MN 55102**
0.406 mi.
2142 ft. **Site 1 of 6 in cluster AG**

Relative: **Higher**
Actual: **700 ft.**

WIMN:

Status:	N
Latitude:	44.932299630000003
Longitude:	-93.123631149999994
Item ID:	124356-AISI0000124356
AI ID:	124356
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	124356
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805

BALLISTIC RECOVERY SYSTEMS (Continued) **S110426718**

USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	01/29/2008
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	10/21/2008
The Delta Spatial ID:	54106485
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00024802
MPCA List:	C00024802
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=124356

WIMN:

Legislative District:	65B
Latitude:	44.93258199
Longitude:	-93.12209
Activity:	Construction Stormwater Permit
MPCA ID:	C00024802
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=54106483
Coordinate Collection Method:	Zip Code Centroid
Status:	Inactive

NPDES:

Envid:	S110426718
Facility Name:	BALLISTIC RECOVERY SYSTEMS
Address:	Not reported
Active:	N
Interest Type Description:	Not reported
Activity ID:	C00024802
Preferred ID:	Not reported
Activity Sys ID:	12435624802
Activity Type:	Coverage Termination
Activity Type Code:	56
Effective Start Date:	02/11/2008
End Date:	07/01/2008
Alternative Method:	Not reported
Coverage Date:	Not reported

BALLISTIC RECOVERY SYSTEMS (Continued) **S110426718**

Latitude Degree:	44.93229963
Longitude Degree:	-93.12363115
Location Description:	Not reported
New Imp Area:	0.97
Old Imp Area:	0
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Not reported
Owner Organization Type:	Not reported
Permit Sys ID:	80634
Project Name:	Ballistic Recovery Systems
Project Size:	1.3
Termination Date:	10/21/2008
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported

BALLISTIC RECOVERY SYSTEMS (Continued) **S110426718**

Prog Int ID: Not reported
Doc Int ID: Not reported

174
SE
1/4-1/2
0.411 mi.
2172 ft.

2011 PAVEMENT REHAB
ADDRESS UNKNOWN
SAINT PAUL, MN 55107

MN WIMN **S120054739**
N/A

Relative:
Lower

Actual:
699 ft.

WIMN:

Status:	N
Latitude:	44.934699999999999
Longitude:	-93.060299999999998
Item ID:	119425-AISI0000119425
AI ID:	119425
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	119425
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	I2
Method Description:	Digitized-DOQ
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	05/24/2011
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	11/08/2012
The Delta Spatial ID:	60133659
Activity:	Construction Stormwater
Activity List:	Construction Stormwater

2011 PAVEMENT REHAB (Continued) **S120054739**

MPCA ID:	C00031979
MPCA List:	C00031979
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=119425

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175 West 1/4-1/2 0.413 mi. 2181 ft.

RTC INC
180 STATE ST
ST. PAUL, MN 55107

RCRA NonGen / NLR 1004732459
MN WIMN MND985718030

Relative: Higher

Actual: 701 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/23/2002
Facility name:	RTC INC
Facility address:	180 STATE ST ST. PAUL, MN 55107
EPA ID:	MND985718030
Mailing address:	1777 OAKDALE AVE WEST ST. PAUL, MN 55118-4031
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RTC INC
Owner/operator address:	1777 OAKDALE AVE WEST ST. PAUL, MN 55118
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/26/1999
Owner/Op end date:	05/13/2002

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

RTC INC (Continued) **1004732459**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 04/23/2002
Site name: RTC INC
Classification: Not a generator, verified

Violation Status: No violations found

WIMN:

Status:	N
Latitude:	44.940310599999997
Longitude:	-93.078196000000005
Item ID:	23804-AISI0000023804
AI ID:	23804
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	23804
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported

RTC INC (Continued) **1004732459**

Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	05/13/2002
The Delta Spatial ID:	22475
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985718030
MPCA List:	MND985718030
Program List:	Hazardous Waste
Classification:	All Other Plastics Product Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=23804

WIMN:

Legislative District:	65B
Latitude:	44.94021251
Longitude:	-93.07842574
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985718030
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31098
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

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176 **LIT MIDWAY LLT** **MN WIMN** **S108496324**
WNW **141 S LAFAYETTE RD** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.416 mi.
2194 ft.

Relative:
Higher

Actual:
720 ft.

WIMN:

Status:	Y
Latitude:	44.942136329999997
Longitude:	-93.077356940000001
Item ID:	888-AISI0000000888
AI ID:	888
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	888
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Air Quality
Program List:	AQ
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4

LIT MIDWAY LLT (Continued) **S108496324**

House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	09/27/2015
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	1779
Activity:	Air Quality
Activity List:	Air Quality
MPCA ID:	12300609
MPCA List:	12300609
Program List:	Air Quality
Classification:	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=888

WIMN:

Legislative District:	65B
Latitude:	44.94210815
Longitude:	-93.07746124
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND006162176
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32939
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Legislative District:	65B
Latitude:	44.94213486
Longitude:	-93.07735443
Activity:	Air Permit
MPCA ID:	12300609
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=931
Coordinate Collection Method:	Address Matching House Number
Status:	Active

LIT MIDWAY LLT (Continued) **S108496324**

Status:	N
Latitude:	44.942106330000001
Longitude:	-93.07746281
Item ID:	23843-AISI0000023843
AI ID:	23843
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	23843
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	01/06/2012
The Delta Spatial ID:	20636
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND006162176
MPCA List:	MND006162176
Program List:	Hazardous Waste
Classification:	Industrial Machinery and Equipment Merchant Wholesalers
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=23843

WIMN:

Legislative District:	65B
Latitude:	44.94210815
Longitude:	-93.07746124

LIT MIDWAY LLT (Continued) **S108496324**

Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND006162176
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32939
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive
Legislative District:	65B
Latitude:	44.94213486
Longitude:	-93.07735443
Activity:	Air Permit
MPCA ID:	12300609
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=931
Coordinate Collection Method:	Address Matching House Number
Status:	Active

AG177 **335 ALPHA LANE** **MN Financial Assurance** **S105892392**
South **335 ALPHA LN** **MN LS** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.417 mi.
2204 ft. **Site 2 of 6 in cluster AG**

Relative: **Lower**

Actual: **699 ft.**

MN Financial Assurance 1:

PROGRAM ID:	265434
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	41457
Interest Telephone:	NO CORE PI PH.
Preferred ID:	15237
Interest Start Date:	05/28/2003
Interest End Date:	12/05/2006
Activity Flag:	N
TMSP Added:	12/05/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	31457
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported
PROGRAM ID:	265434
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	228845
Interest Telephone:	Not reported
Preferred ID:	15237
Interest Start Date:	05/28/2003
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	05/28/2003
TMSP Last Update:	12/05/2006 07:34:23

335 ALPHA LANE (Continued) **S105892392**

Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	265434
Lat/Long ID:	1
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	12.726171
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	7.03273
Collection Date:	10/11/2005 00:00:00
Lat/Long Description:	Site Center
TMSP Added:	10/26/2005 08:32:33
TMSP Last Update:	10/26/2005 08:32:33
Staff ID Last Update:	RSUCHAN
Coord Source Type:	2
Org Name Source:	Rebecca Gorney
Coord Coll Meth:	I2
Map Scale Code:	B
Source:	TALES
Site ID:	31457
Spatial ID:	51860910

Program Id:	265434
Lat/Long ID:	75153
Latitude Degrees:	44
Latitude Minutes:	55
Latitude Seconds:	55.08
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	7.07
Collection Date:	03/12/2010 17:47:39
Lat/Long Description:	Not reported
TMSP Added:	10/12/2005 14:21:21
TMSP Last Update:	03/12/2010 18:15:02
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	Beth Brown
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	31457
Spatial ID:	51860910

Staff Name:

Program Id:	265434
Staff Sequence ID:	40117
Staff Type:	Not reported

335 ALPHA LANE (Continued) **S105892392**

Staff Name:	Not reported
TMSP Added:	09/24/2003 14:22:57
TMSP Last Update:	01/20/2012 10:39:38
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	1612
Program Id:	265434
Staff Sequence ID:	37932
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	05/28/2003 12:50:38
TMSP Last Update:	01/20/2012 10:39:38
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	81

MN LS:

Link ID:	6284
EPA ID:	Not reported
MPCA ID:	VP19810
Method:	M1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

AG178 **HOLMAN FIELD** **MN LUST** **S113484291**
South **335 ALPHA LN** **MN INST CONTROL** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN VIC**
0.417 mi. **MN BROWNFIELDS**
2204 ft. **Site 3 of 6 in cluster AG** **MN SRS**
MN TIER 2
Relative: **MN WIMN**
Lower **MN NPDES**

Actual:
699 ft.

LUST:

Item ID:	32444-AREA0000000001
MNPCA ID:	Not reported
AI ID:	32444
AI Name:	Hubbard Broadcasting

HOLMAN FIELD (Continued) **S113484291**

Site Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Jim McCann (former)
Latitude:	44.93686676
Longitude:	-93.06861877
Coord Collection Method:	Digitized-DOQ
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32444
Leak Discovered:	5/27/2003
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Hubbard Broadcasting Inc
Site Closed:	12/30/2003
Owner Address:	701 Eaton St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	551072483
SI Type:	Underground Storage Tank System
Leak Reported:	5/27/2003

INST CONTROL:

Site ID:	185643
Latitude:	44.9333516
Longitude:	-93.0693541
Owner Name:	Hubbard Broadcasting
Program Name:	Investigation and Cleanup
Active:	N
Activity Type Name:	Brownfields
Activity Sub Type Name:	Voluntary Investigation and Cleanup
Industrial Classification:	Not reported
Activity ID:	VP19810
Activity Name:	335 Alpha Lane
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Address Matching House Number
Institutional Control:	Y
District:	4

VIC:

Facility ID:	VP19810
Facility Type:	Brownfield Site
Item ID:	185643-AREA0000000001
AI ID:	185643
AI Name:	335 Alpha Lane
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93197632
Longitude:	-93.06864085
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185643
Leak Discovered:	Not reported
Leak Reported:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Application / Notification Received:	10/22/2004
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/21/2004
Owner:	Hubbard Broadcasting
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

Prior Aug 2016:

Facility ID:	VP19810
Facility Address 2:	Not reported
Core Program Interest ID:	337511
Link ID:	6284
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	0.5
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	The Site was an existing hanger that Horton Transportation wanted to purchase. An investigation shows that the Site was formerly filled with dump debris and fly ash from NSP. A No Association letter was written regarding the release of various metals to the soils and ground water and for methane gas with the provision that quarterly sampling of portals of entry and ambient air be conducted for a year.File archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	10/22/2004
Last Update Date:	08/21/2007
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	U
Utm Method:	M1
Utm Scale:	A
Utm Accuracy:	U
Utm East:	494527.5
Utm North:	4975549
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP19810
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported

HOLMAN FIELD (Continued) **S113484291**

GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Deed notice of dump debris, demolition and fly ash on property
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-03-01 00:00:00
Inst Control Info Updated:	2006-03-01 00:00:00
Inst Control Filed Location:	Ramsey County
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2004-10-22 00:00:00
Date End:	2004-12-21 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-10-22 00:00:00
Facid:	VP19810
Event:	1
Additional Information:	None Entered
Record Number:	22429

Date Started:	Not reported
Date End:	2004-12-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Last Update: 2004-12-21 00:00:00
Facid: VP19810
Event: 1
Additional Information: None Entered
Record Number: 22775

Date Started: Not reported
Date End: 2005-06-09 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2005-06-10 00:00:00
Facid: VP19810
Event: 1
Additional Information: None Entered
Record Number: 23630

Date Started: Not reported
Date End: 2005-09-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2005-09-22 00:00:00
Facid: VP19810
Event: 1
Additional Information: Revised NAD to include arsenic
Record Number: 24137

Date Started: Not reported
Date End: 2005-10-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-03-01 00:00:00
Facid: VP19810
Event: 1
Additional Information: Affidavit disclosing dump debris, fly ash
Record Number: 24846

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2006-06-21 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: 6512969707

HOLMAN FIELD (Continued) **S113484291**

Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	Horton Transportation
Contact Address:	2565 Walnut Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6513616477
Contact Phone Ext:	Not reported
Contact Fax:	6513616753
Contact E-mail:	jeannine.swanke@hortonww.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Hubbard Broadcasting
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

HOLMAN FIELD (Continued) **S113484291**

BROWNFIELDS:

Site ID:	VP19810
Leak Num:	Not reported
Owner Name:	Hubbard Broadcasting
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	185643-AREA0000000001
AI ID:	185643
AI Name:	335 Alpha Lane
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185643
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/22/2004
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/21/2004
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.93197632
Longitude:	-93.06864085

SRS:

Facility ID:	VP19810
Item ID:	185643-AREA0000000001
AI ID:	185643
AI Name:	335 Alpha Lane
Facility Type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93197632
Longitude:	-93.06864085
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185643
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/22/2004
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/21/2004
Owner:	Hubbard Broadcasting
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Owner ZIP:	Not reported
Acreage:	0.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Y
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20040001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP19810
Facility Adress 2:	Not reported
Core Program Interest ID:	337511
Link ID:	6284
Site Type:	Dump (Unpermitted)
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	0.5
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	The Site was an existing hanger that Horton Transportation wanted to purchase. An investigation shows that the Site was formerly filled with dump debris and fly ash from NSP. A No Association letter was written regarding the release of various metals to the soils and ground water and for methane gas with the provision that quarterly sampling of portals of entry and ambient air be conducted for a year.File archived
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	10/22/2004
Last Update Date:	08/21/2007
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B

HOLMAN FIELD (Continued) **S113484291**

Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	U
Utm Method:	M1
Utm Scale:	A
Utm Accuracy:	U
Utm East:	494527.5
Utm North:	4975549
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP19810
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported

HOLMAN FIELD (Continued) **S113484291**

GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Deed notice of dump debris, demolition and fly ash on property
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-03-01 00:00:00
Inst Control Info Updated:	2006-03-01 00:00:00
Inst Control Filed Location:	Ramsey County
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2004-10-22 00:00:00
Date End:	2004-12-21 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-10-22 00:00:00
Facid:	VP19810
Event:	1
Additional Information:	None Entered
Record Number:	22429

Date Started:	Not reported
Date End:	2004-12-20 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Last Update: 2004-12-21 00:00:00
Facid: VP19810
Event: 1
Additional Information: None Entered
Record Number: 22775

Date Started: Not reported
Date End: 2005-06-09 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2005-06-10 00:00:00
Facid: VP19810
Event: 1
Additional Information: None Entered
Record Number: 23630

Date Started: Not reported
Date End: 2005-09-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2005-09-22 00:00:00
Facid: VP19810
Event: 1
Additional Information: Revised NAD to include arsenic
Record Number: 24137

Date Started: Not reported
Date End: 2005-10-21 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-03-01 00:00:00
Facid: VP19810
Event: 1
Additional Information: Affidavit disclosing dump debris, fly ash
Record Number: 24846

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2006-06-21 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: 6512969707

HOLMAN FIELD (Continued) **S113484291**

Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	rick.jolley@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294
Contact Type:	1
Company Name:	Horton Transportation
Contact Address:	2565 Walnut Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6513616477
Contact Phone Ext:	Not reported
Contact Fax:	6513616753
Contact E-mail:	jeannine.swanke@hortonww.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	Hubbard Broadcasting
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-10-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

HOLMAN FIELD (Continued) **S113484291**

Facility ID:	LS0015237
Item ID:	32444-AREA0000000001
AI ID:	32444
AI Name:	Hubbard Broadcasting
Facility Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Jim McCann (former)
Latitude:	44.93686676
Longitude:	-93.06861877
Coord Collection Method:	Digitized-DOQ
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32444
Leak Discovered:	05/27/2003
Leak Reported:	05/27/2003
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/30/2003
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	1
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20030001
Act Desc:	Leak Site Investigation
Status:	Closed

TIER 2:

Year:	2012
Facility Status:	ACTIVE
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	488119
Dunn Brad Num:	Not reported
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700536
Own Country:	Not reported
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	UNKNOWN
Status 312:	UNKNOWN
Emergency Contact Name1:	Steve Church
Emergency Contact Name2:	Matt Allard
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	6122706042
Emergency Contact 24hr Phone2:	6122824575
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	15802
CAS Number:	8008206
Chemical Id:	46777
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	2
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported

HOLMAN FIELD (Continued) **S113484291**

Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported

HOLMAN FIELD (Continued) **S113484291**

Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature

HOLMAN FIELD (Continued) **S113484291**

Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported

HOLMAN FIELD (Continued) **S113484291**

Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	15802
CAS Number:	8008206

HOLMAN FIELD (Continued) **S113484291**

Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	10
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	scheduled air transportation
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids)	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1

HOLMAN FIELD (Continued) **S113484291**

Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	10
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	scheduled air transportation
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No

Facility Id:	15802
CAS Number:	8008206
Chemical Id:	Not reported
Chemical Name:	JET FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	9
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	10
Fire Department:	ST PAUL
Phone:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Nature of Business:	scheduled air transportation
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No

Click this hyperlink while viewing on your computer to access
3 additional MN_TIER2: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.933351600000002
Longitude:	-93.069354099999998
Item ID:	185643-AISI0000185643
AI ID:	185643
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	185643
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805

HOLMAN FIELD (Continued) **S113484291**

USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50647730
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP19810
MPCA List:	VP19810
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185643
Status:	Y
Latitude:	44.933366999999997
Longitude:	-93.069381000000007
Item ID:	136600-AISI0000136600
AI ID:	136600
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	136600
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/09/2010
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	58386085
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	MNR0534ZS; MNR0538R7
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=136600
Status:	Y
Latitude:	44.931968300000001
Longitude:	-93.0686331
Item ID:	37312-AISI0000037312
AI ID:	37312
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	37312
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	04/18/2000
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50867
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MNR000078113
MPCA List:	MNR000078113
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37312
Status:	N
Latitude:	44.931968300000001
Longitude:	-93.0686331
Item ID:	32444-AISI0000032444
AI ID:	32444
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	32444
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	12/05/2006
The Delta Spatial ID:	22034
Activity:	Multiple Activities
Activity List:	Hazardous Waste; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0015237; MN0000043349; TS0021064
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32444

NPDES:

Envid:	S113484291
Facility Name:	HORTON TRANSPORTATION INC
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR0534ZS
Preferred ID:	Not reported
Activity Sys ID:	136600
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	08/09/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.933367
Longitude Degree:	-93.069381
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Horton Transportation Inc.
Owner Organization Type:	Not reported
Permit Sys ID:	99352
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	1
Activity Description:	Storage, maintenance, and fueling of aircraft. (Waterbody <1 Mile? Y.)
No Exposure:	No
One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	S
Foreign State:	Not reported
Foreign Zone:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

Envid:	S113484291
Facility Name:	HORTON TRANSPORTATION INC
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNR0538R7
Preferred ID:	Not reported
Activity Sys ID:	136600
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.933367
Longitude Degree:	-93.069381
Location Description:	Not reported
New Imp Area:	Not reported

HOLMAN FIELD (Continued) **S113484291**

Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Horton Transportation Inc.
Owner Organization Type:	Not reported
Permit Sys ID:	133484
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	1
Activity Description:	Storage, Maintenance, and Refueling of aircraft (Waterbody <1 Mile? N.)
No Exposure:	No
One Mile:	Not reported
Permit Type:	Industrial Stormwater Permit
Sector List:	S
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

AG179 **GREENTREE HANGAR #2** **MN VIC** **S105775647**
South **HOLMAN FIELD NEAR EATON ST** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.418 mi.
2206 ft. **Site 4 of 6 in cluster AG**

Relative:
Higher

Actual:
700 ft.

VIC:

Facility ID:	VP7021
Facility Type:	Brownfield Site
Item ID:	193879-AREA0000000002
AI ID:	193879
AI Name:	Green Tree Hangar
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93194505
Longitude:	-93.0689495
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193879
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	02/21/2003
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/02/2003
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

Prior Aug 2016:

Facility ID:	VP7021
Facility Address 2:	Not reported
Core Program Interest ID:	55132064
Link ID:	4216
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	0.33000001
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported

GREENTREE HANGAR #2 (Continued) **S105775647**

Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	02/21/2003
Last Update Date:	06/02/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494771.125
Utm North:	4975444.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage

GREENTREE HANGAR #2 (Continued) **S105775647**

VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP7021
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

GREENTREE HANGAR #2 (Continued) **S105775647**

Date Started:	2003-02-21 00:00:00
Date End:	2003-04-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2003-02-24 00:00:00
Facid:	VP7021
Event:	1
Additional Information:	None Entered
Record Number:	16400

Date Started:	Not reported
Date End:	2003-04-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2003-04-03 00:00:00
Facid:	VP7021
Event:	1
Additional Information:	for continued gr lease, purchase of site, maintaining improvements, storing aircraft
Record Number:	16528

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-17 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1

GREENTREE HANGAR #2 (Continued) **S105775647**

Company Name:	Regent Aviation, Inc.
Contact Address:	515 Eaton Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512092740
Contact Phone Ext:	Not reported
Contact Fax:	6512241982
Contact E-mail:	jlafontsee@regentaviation.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Metropolitan Airport Commission
Contact Address:	6040 28th Avenue South
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127268100
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	ATC Associates Inc.
Contact Address:	2233 N. Hamline Avenue, Suite 400
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516359050
Contact Phone Ext:	Not reported
Contact Fax:	6516359080
Contact E-mail:	murdock22@atc-enviro.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

SRS:

Facility ID:	VP7021
Item ID:	193879-AREA0000000002
AI ID:	193879
AI Name:	Green Tree Hangar
Facility Type:	Brownfield Site

GREENTREE HANGAR #2 (Continued) **S105775647**

Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93194505
Longitude:	-93.0689495
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193879
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	02/21/2003
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/02/2003
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	0.33
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20030001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP7021
Facility Adress 2:	Not reported
Core Program Interest ID:	55132064
Link ID:	4216
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	0.33000001
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported

GREENTREE HANGAR #2 (Continued) **S105775647**

Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	02/21/2003
Last Update Date:	06/02/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494771.125
Utm North:	4975444.5
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage

GREENTREE HANGAR #2 (Continued) **S105775647**

VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP7021
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

GREENTREE HANGAR #2 (Continued) **S105775647**

Date Started:	2003-02-21 00:00:00
Date End:	2003-04-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2003-02-24 00:00:00
Facid:	VP7021
Event:	1
Additional Information:	None Entered
Record Number:	16400

Date Started:	Not reported
Date End:	2003-04-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2003-04-03 00:00:00
Facid:	VP7021
Event:	1
Additional Information:	for continued gr lease, purchase of site, maintaining improvements, storing aircraft
Record Number:	16528

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-17 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-5573
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1

GREENTREE HANGAR #2 (Continued) **S105775647**

Company Name:	Regent Aviation, Inc.
Contact Address:	515 Eaton Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512092740
Contact Phone Ext:	Not reported
Contact Fax:	6512241982
Contact E-mail:	jlafontsee@regentaviation.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Metropolitan Airport Commission
Contact Address:	6040 28th Avenue South
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127268100
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	ATC Associates Inc.
Contact Address:	2233 N. Hamline Avenue, Suite 400
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6516359050
Contact Phone Ext:	Not reported
Contact Fax:	6516359080
Contact E-mail:	murdock22@atc-enviro.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2003-02-24 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

AG180 **CCI PILOT SERVICES II LLC - ALPHA LANE** **RCRA-CESQG** **1004737856**
South **350 ALPHA LN** **FINDS** **MNR000056697**
1/4-1/2 **ST. PAUL, MN 55107** **ECHO**
0.418 mi. **MN WIMN**
2206 ft. **Site 5 of 6 in cluster AG**

Relative:
Higher

Actual:
700 ft.

RCRA-CESQG:

Date form received by agency:	05/28/2003
Facility name:	CCI PILOT SERVICES II LLC
Facility address:	350 ALPHA LN ST. PAUL, MN 55107
EPA ID:	MNR000056697
Contact:	JON KOPPES
Contact address:	350 ALPHA LN ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-224-1800
Telephone ext.:	110
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CCI PILOT SERVICES II LLC
Owner/operator address:	350 ALPHA LN ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	651-224-1800
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	110
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/26/1999
Owner/Op end date:	Not reported

Owner/operator name:	CCI PILOT SERVICES II LLC
Owner/operator address:	350 ALPHA LN ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	651-224-1800
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	110
Legal status:	Private

CCI PILOT SERVICES II LLC - ALPHA LANE (Continued) **1004737856**

Owner/Operator Type: Operator
Owner/Op start date: 07/26/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110003917165

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CCI PILOT SERVICES II LLC - ALPHA LANE (Continued) **1004737856**

ECHO:

Envid:	1004737856
Registry ID:	110003917165
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003917165

WIMN:

Status:	N
Latitude:	44.931944999999999
Longitude:	-93.068949500000002
Item ID:	25422-AISI0000025422
AI ID:	25422
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	25422
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	03/10/2011
The Delta Spatial ID:	22256
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNR000056697
MPCA List:	MNR000056697

CCI PILOT SERVICES II LLC - ALPHA LANE (Continued) **1004737856**

Program List:	Hazardous Waste
Classification:	Other Nonscheduled Air Transportation
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=25422

WIMN:

Legislative District:	65B
Latitude:	44.93194505
Longitude:	-93.06894950
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000056697
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31363
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AG181 **GREENTREE HANGAR #2** **MN BROWNFIELDS** **S119124245**
South **HOLMAN FIELD NEAR EATON ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.419 mi.
2212 ft. **Site 6 of 6 in cluster AG**

Relative: **Higher**

Actual: **700 ft.**

BROWNFIELDS:

Site ID:	VP7021
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	193879-AREA0000000002
AI ID:	193879
AI Name:	Green Tree Hangar
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193879
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	02/21/2003
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/02/2003
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93194505
Longitude:	-93.0689495

AH182 **MOLEX COPPER FLEX PRODUCTS INC** **MN LS** **S107734012**
SW **155 EATON ST** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.429 mi.
2265 ft. **Site 1 of 10 in cluster AH**

Relative:
Lower

Actual:
696 ft.

MN LS:

Link ID:	6505
EPA ID:	Not reported
MPCA ID:	VP21120
Method:	A1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

AH183 **MOLEX INC. COPPER FLEX PRODUCTS** **MN INST CONTROL** **S108073409**
SW **155 EATON ST** **MN VIC** **N/A**
1/4-1/2 **ST. PAUL, MN 55107** **MN BROWNFIELDS**
0.429 mi. **MN SRS**
2265 ft. **Site 2 of 10 in cluster AH** **MN ENF**
MN TIER 2

Relative:
Lower

MN WIMN

Actual:
696 ft.

INST CONTROL:

Site ID:	2099
Latitude:	44.9358359
Longitude:	-93.0777784
Owner Name:	Unknown
Program Name:	Tanks
Active:	Y
Activity Type Name:	Aboveground Tanks
Activity Sub Type Name:	Not reported
Industrial Classification:	Bare Printed Circuit Board Manufacturing
Activity ID:	TS0124242
Activity Name:	Molex Copper Flex Products Inc
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized - MPCA internal mapping application
Institutional Control:	Y
District:	4

Site ID:	2099
Latitude:	44.9358359
Longitude:	-93.0777784
Owner Name:	Unknown
Program Name:	Air Quality
Active:	N
Activity Type Name:	Air Quality
Activity Sub Type Name:	Not reported
Industrial Classification:	Bare Printed Circuit Board Manufacturing

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Activity ID:	12300617
Activity Name:	Molex Copper Flex Products Inc
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized - MPCA internal mapping application
Institutional Control:	Y
District:	4
Site ID:	2099
Latitude:	44.9358359
Longitude:	-93.0777784
Owner Name:	Unknown
Program Name:	Hazardous Waste
Active:	N
Activity Type Name:	Hazardous Waste
Activity Sub Type Name:	Not reported
Industrial Classification:	Bare Printed Circuit Board Manufacturing
Activity ID:	MND985713452
Activity Name:	Molex Copper Flex Products Inc
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized - MPCA internal mapping application
Institutional Control:	Y
District:	4
Site ID:	2099
Latitude:	44.9358359
Longitude:	-93.0777784
Owner Name:	Unknown
Program Name:	Hazardous Waste
Active:	N
Activity Type Name:	Hazardous Waste
Activity Sub Type Name:	Not reported
Industrial Classification:	Bare Printed Circuit Board Manufacturing
Activity ID:	MND082370255
Activity Name:	Molex Copper Flex Products Inc
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized - MPCA internal mapping application
Institutional Control:	Y
District:	4
Site ID:	2099
Latitude:	44.9358359
Longitude:	-93.0777784
Owner Name:	Unknown
Program Name:	Investigation and Cleanup
Active:	N
Activity Type Name:	Brownfields
Activity Sub Type Name:	Voluntary Investigation and Cleanup
Industrial Classification:	Bare Printed Circuit Board Manufacturing
Activity ID:	VP21120
Activity Name:	Molex Copper Flex Products Inc
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Coordinate Method:	Digitized - MPCA internal mapping application
Institutional Control:	Y

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

District: 4

Site ID: 2099
Latitude: 44.9358359
Longitude: -93.0777784
Owner Name: Unknown
Program Name: Investigation and Cleanup
Active: N
Activity Type Name: Brownfields
Activity Sub Type Name: Voluntary Investigation and Cleanup
Industrial Classification: Bare Printed Circuit Board Manufacturing
Activity ID: VP21122
Activity Name: Molex Copper Flex Products Inc
HUC 8: 7010206
Watershed Name: Mississippi River - Twin Cities
Coordinate Method: Digitized - MPCA internal mapping application
Institutional Control: Y
District: 4

Site ID: 2099
Latitude: 44.9358359
Longitude: -93.0777784
Owner Name: Unknown
Program Name: Investigation and Cleanup
Active: N
Activity Type Name: Brownfields
Activity Sub Type Name: Voluntary Investigation and Cleanup
Industrial Classification: Bare Printed Circuit Board Manufacturing
Activity ID: VP21121
Activity Name: Molex Copper Flex Products Inc
HUC 8: 7010206
Watershed Name: Mississippi River - Twin Cities
Coordinate Method: Digitized - MPCA internal mapping application
Institutional Control: Y
District: 4

VIC:
Facility ID: VP21120
Facility Type: Brownfield Site
Item ID: 2099-AREA0000000003
AI ID: 2099
AI Name: Molex Copper Flex Products Inc
Hydro: John Betcher (former)
Project Manager: Gerald Stahnke (no longer at MPCA)
Latitude: 44.93583591
Longitude: -93.07777843
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 09/23/2005
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 07/13/2006

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Owner:	Molex Inc
Owner Address:	222 Wellington Ct
Owner City:	Lisle
Owner State:	IL
Owner ZIP:	60532

Prior Aug 2016:

Facility ID:	VP21120
Facility Address 2:	Not reported
Core Program Interest ID:	366195
Link ID:	6505
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.9299999
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	09/23/2005
Last Update Date:	05/10/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	493959.5
Utm North:	4975774.5
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21120
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	1.9299999
Volume of contaminated soil:	75
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	1.9299999
Volume of Soil Cleaned:	75
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	0
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2011-05-31 00:00:00
Inst Control Info Updated:	2009-07-08 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2005-09-23 00:00:00
Date End:	2006-07-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-09-27 00:00:00
Facid:	VP21120
Event:	1
Additional Information:	None Entered
Record Number:	24163

Date Started:	Not reported
Date End:	2005-08-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-03-13 00:00:00
Facid:	VP21120
Event:	1
Additional Information:	Conducted by Levine Fricke (LFR) 20 soil borings, SP101-SP108
Record Number:	24923

Date Started:	Not reported
Date End:	2006-04-18 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-04-18 00:00:00
Facid:	VP21120

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Event: 1
Additional Information: Approval of Building Methane Survey Work Plan
Record Number: 25046

Date Started: 2005-09-01 00:00:00
Date End: 2005-09-02 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-06-27 00:00:00
Facid: VP21120
Event: 1
Additional Information: LFR SP109-SO115 & MW1-MW-5; GP-1 - GP-23
Record Number: 25418

Date Started: Not reported
Date End: 2006-05-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-06-27 00:00:00
Facid: VP21120
Event: 1
Additional Information: Indoor Methane Survey of Site Building
Record Number: 25419

Date Started: Not reported
Date End: 2006-07-13 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-08-07 00:00:00
Facid: VP21120
Event: 1
Additional Information: for soils, methane
Record Number: 25676

Date Started: 2007-06-07 00:00:00
Date End: 2007-06-27 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2009-07-08 00:00:00
Facid: VP21120
Event: 1
Additional Information: None Entered
Record Number: 30347

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 78
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 24.200001
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1280
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 220
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 2.2
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 2.2
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3200
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Max Residual Contamination: 1750
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: % LEL
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 758
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 240
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 970
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.1999998
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 126
Date Info Last Updated: 2006-06-27 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: gerald.stahnke@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2005-09-27 00:00:00

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196
Contact Type:	1
Company Name:	Century Circuits & Electronics
Contact Address:	155 Eaton Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512225833
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	LFR Levine Fricke
Contact Address:	630 Tollgate Rd., Suite D
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	8476958855
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Facility ID:	VP21121

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Facility Type:	Brownfield Site
Item ID:	2099-AREA0000000004
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Hydro:	John Betcher (former)
Project Manager:	Edward Olson (former)
Latitude:	44.93583591
Longitude:	-93.07777843
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/17/2009
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/15/2011
Owner:	Molex Inc
Owner Address:	222 Wellington Ct
Owner City:	Lisle
Owner State:	IL
Owner ZIP:	60532

Prior Aug 2016:

Facility ID:	VP21121
Facility Address 2:	Not reported
Core Program Interest ID:	56306348
Link ID:	6505
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.9299999
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	06/17/2009
Last Update Date:	11/09/2011

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	493959.5
Utm North:	4975774.5
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21121
GW Recepts Prot by Rem Actn:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-06-27 00:00:00
Inst Control Info Updated:	2006-06-27 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2009-06-17 00:00:00
Date End:	2011-06-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-02 00:00:00
Facid:	VP21121
Event:	1

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Additional Information:	None Entered
Record Number:	30336
Date Started:	Not reported
Date End:	2009-07-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-30 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	Floor Sump Repair
Record Number:	30413
Date Started:	Not reported
Date End:	2009-07-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-30 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	Floor Sump Repair
Record Number:	30414
Date Started:	Not reported
Date End:	2009-10-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-10-16 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	GW Investigation for Copper
Record Number:	30616
Date Started:	Not reported
Date End:	2009-12-10 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-12-10 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	Amended RAP approval by e-mail to excavate soils adjacent to the sump
Record Number:	30824
Date Started:	Not reported
Date End:	2011-06-10 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2011-06-10 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	For soils
Record Number:	32708
Date Started:	Not reported
Date End:	2009-07-22 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Last Update:	2012-07-23 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	RAP and RAP on CD for Action- Letter of Transmittal
Record Number:	34296
Date Started:	Not reported
Date End:	2009-07-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2012-07-23 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	Phase II WP and RAP for Action- Letter of Transmittal
Record Number:	34299
Date Started:	Not reported
Date End:	2009-07-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2012-07-23 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	MN Duty Officer Incident Report
Record Number:	34302

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	9000
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	SRV (Soil Reference Value)
Max Residual Contamination:	28200
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	24.200001
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1280
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	220
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3200
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1750
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	% LEL
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	758
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	240
Date Info Last Updated:	2006-06-27 00:00:00

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	970
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	4.1999998
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	126
Date Info Last Updated:	2006-06-27 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	LFR Inc., and ARCADIS Compnay
Contact Address:	630 Tollgate Rd., Suite D
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	8476492045
Contact Phone Ext:	Not reported
Contact Fax:	8476957799
Contact E-mail:	tat.ebihara@lfr.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-07-02 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196
Contact Type:	1
Company Name:	Molex Incorporated
Contact Address:	2222 Wellington Court
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6309694747
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-07-02 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Molex Copper Flex Products
Contact Address:	22 Empire Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6518467733
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	bruce.lindahl@molex.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-07-02 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572627
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	edward.olson@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-03-11 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3366

Facility ID:	VP21122
Facility Type:	Brownfield Site
Item ID:	2099-AREA0000000005
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Hydro:	John Betcher (former)
Project Manager:	John Betcher (former)
Latitude:	44.93534989
Longitude:	-93.07763429
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/31/2013
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/13/2013
Owner:	Molex Inc
Owner Address:	222 Wellington Ct
Owner City:	Lisle
Owner State:	IL
Owner ZIP:	60532

Prior Aug 2016:

Facility ID:	VP21122
Facility Address 2:	Not reported
Core Program Interest ID:	67184733
Link ID:	6505
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.92
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	10/31/2013
Last Update Date:	11/02/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	493959.5
Utm North:	4975774.5
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21122
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-06-27 00:00:00

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Inst Control Info Updated: 2006-06-27 00:00:00
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 2013-10-31 00:00:00
Date End: 2013-12-13 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2013-11-06 00:00:00
Facid: VP21122
Event: 1
Additional Information: None Entered
Record Number: 38069

Date Started: 2013-12-12 00:00:00
Date End: 2013-12-12 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2013-12-16 00:00:00
Facid: VP21122
Event: 1
Additional Information: None Entered
Record Number: 38159

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 9000
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 28200
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 24.200001
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1280
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	220
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3200
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1750
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	% LEL
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	758
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 240
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 970
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.1999998
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 126
Date Info Last Updated: 2006-06-27 00:00:00

Contacts:
Contact Type: 1
Company Name: James Emmerich My Giant LLC
Contact Address: 2921 2nd St N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 9522403242
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: jim.emmerich@actionpackedpaintball.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 2013-11-06 00:00:00
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: 0

Contact Type: 1
Company Name: Molex Inc.
Contact Address: 222 Wellington Ct
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6309694550
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MTM Environmental, Inc.
Contact Address:	1871 Melrose Avenue South
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127993003
Contact Phone Ext:	Not reported
Contact Fax:	9525258708
Contact E-mail:	mtmenv@mm.rr.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

BROWNFIELDS:

Site ID:	VP21120
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	2099-AREA0000000003
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Site type:	Brownfield Site
Hydro:	John Betcher (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/23/2005
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	07/13/2006
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93583591
Longitude:	-93.07777843

Site ID:	VP21121
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	2099-AREA0000000004
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Site type:	Brownfield Site
Hydro:	John Betcher (former)
Project Manager:	Edward Olson (former)
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/17/2009
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/15/2011
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Owner ZIP:	55155
Latitude:	44.93583591
Longitude:	-93.07777843
Site ID:	VP21122
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	2099-AREA0000000005
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Site type:	Brownfield Site
Hydro:	John Betcher (former)
Project Manager:	John Betcher (former)
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/31/2013
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/13/2013
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93534989
Longitude:	-93.07763429

SRS:

Facility ID:	VP21120
Item ID:	2099-AREA0000000003
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Facility Type:	Brownfield Site
Hydro:	John Betcher (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93583591
Longitude:	-93.07777843
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/23/2005
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	07/13/2006
Owner:	Unknown
Owner Address:	520 Lafayette Rd N

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	1.93
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Y
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20050001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP21120
Facility Adress 2:	Not reported
Core Program Interest ID:	366195
Link ID:	6505
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.9299999
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	09/23/2005
Last Update Date:	05/10/2010
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	493959.5
Utm North:	4975774.5
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21120
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	1.9299999
Volume of contaminated soil:	75
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	1.9299999
Volume of Soil Cleaned:	75

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	0
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2011-05-31 00:00:00
Inst Control Info Updated:	2009-07-08 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2005-09-23 00:00:00
Date End:	2006-07-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2005-09-27 00:00:00
Facid:	VP21120
Event:	1
Additional Information:	None Entered
Record Number:	24163

Date Started:	Not reported
Date End:	2005-08-02 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2006-03-13 00:00:00
Facid:	VP21120
Event:	1
Additional Information:	Conducted by Levine Fricke (LFR) 20 soil borings, SP101-SP108

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Record Number: 24923

Date Started: Not reported
Date End: 2006-04-18 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-04-18 00:00:00
Facid: VP21120
Event: 1
Additional Information: Approval of Building Methane Survey Work Plan
Record Number: 25046

Date Started: 2005-09-01 00:00:00
Date End: 2005-09-02 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-06-27 00:00:00
Facid: VP21120
Event: 1
Additional Information: LFR SP109-SO115 & MW1-MW-5; GP-1 - GP-23
Record Number: 25418

Date Started: Not reported
Date End: 2006-05-05 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-06-27 00:00:00
Facid: VP21120
Event: 1
Additional Information: Indoor Methane Survey of Site Building
Record Number: 25419

Date Started: Not reported
Date End: 2006-07-13 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2006-08-07 00:00:00
Facid: VP21120
Event: 1
Additional Information: for soils, methane
Record Number: 25676

Date Started: 2007-06-07 00:00:00
Date End: 2007-06-27 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2009-07-08 00:00:00
Facid: VP21120
Event: 1
Additional Information: None Entered
Record Number: 30347

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 78
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 24.200001
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1280
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 220
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 2.2
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 2.2
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Max Residual Contamination: 3200
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1750
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: % LEL
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 758
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 240
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 970
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.1999998
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 126
Date Info Last Updated: 2006-06-27 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	(651) 757-1459
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gerald.stahnke@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196

Contact Type:	1
Company Name:	Century Circuits & Electronics
Contact Address:	155 Eaton Street
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512225833
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	LFR Levine Fricke
Contact Address:	630 Tollgate Rd., Suite D
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	8476958855
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Facility ID:	VP21121
Item ID:	2099-AREA0000000004
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Facility Type:	Brownfield Site
Hydro:	John Betcher (former)
Project Manager:	Edward Olson (former)
Latitude:	44.93583591
Longitude:	-93.07777843
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/17/2009
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/15/2011
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	1.93
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20090001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP21121
Facility Adress 2:	Not reported
Core Program Interest ID:	56306348
Link ID:	6505
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.9299999
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Pjensen
Created Date:	06/17/2009
Last Update Date:	11/09/2011
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	493959.5
Utm North:	4975774.5
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21121
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-06-27 00:00:00
Inst Control Info Updated:	2006-06-27 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2009-06-17 00:00:00
Date End:	2011-06-15 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-02 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	None Entered
Record Number:	30336

Date Started:	Not reported
Date End:	2009-07-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-30 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	Floor Sump Repair
Record Number:	30413

Date Started:	Not reported
Date End:	2009-07-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-07-30 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	Floor Sump Repair
Record Number:	30414

Date Started:	Not reported
Date End:	2009-10-16 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-10-16 00:00:00
Facid:	VP21121
Event:	1
Additional Information:	GW Investigation for Copper
Record Number:	30616

Date Started:	Not reported
Date End:	2009-12-10 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2009-12-10 00:00:00
Facid:	VP21121

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Event: 1
Additional Information: Amended RAP approval by e-mail to excavate soils adjacent to the sump
Record Number: 30824

Date Started: Not reported
Date End: 2011-06-10 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2011-06-10 00:00:00
Facid: VP21121
Event: 1
Additional Information: For soils
Record Number: 32708

Date Started: Not reported
Date End: 2009-07-22 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2012-07-23 00:00:00
Facid: VP21121
Event: 1
Additional Information: RAP and RAP on CD for Action- Letter of Transmittal
Record Number: 34296

Date Started: Not reported
Date End: 2009-07-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2012-07-23 00:00:00
Facid: VP21121
Event: 1
Additional Information: Phase II WP and RAP for Action- Letter of Transmittal
Record Number: 34299

Date Started: Not reported
Date End: 2009-07-16 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2012-07-23 00:00:00
Facid: VP21121
Event: 1
Additional Information: MN Duty Officer Incident Report
Record Number: 34302

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 9000
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 28200
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	24.200001
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1280
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	220
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3200
Date Info Last Updated:	2006-06-27 00:00:00
Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Max Residual Contamination: 1750
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: % LEL
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 758
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 240
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 970
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 4.1999998
Date Info Last Updated: 2006-06-27 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 126
Date Info Last Updated: 2006-06-27 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: (651) 757-1459
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: gerald.stahnke@state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2005-09-27 00:00:00

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	LFR Inc., and ARCADIS Compnay
Contact Address:	630 Tollgate Rd., Suite D
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	8476492045
Contact Phone Ext:	Not reported
Contact Fax:	8476957799
Contact E-mail:	tat.ebihara@lfr.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2005-09-27 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-07-02 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196
Contact Type:	1
Company Name:	Molex Incorporated
Contact Address:	2222 Wellington Court
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6309694747
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-07-02 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	Molex Copper Flex Products

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contact Address:	22 Empire Drive
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6518467733
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	bruce.lindahl@molex.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2009-07-02 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572627
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	edward.olson@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2010-03-11 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3366

Facility ID:	VP21122
Item ID:	2099-AREA0000000005
AI ID:	2099
AI Name:	Molex Copper Flex Products Inc
Facility Type:	Brownfield Site
Hydro:	John Betcher (former)
Project Manager:	John Betcher (former)
Latitude:	44.93534989
Longitude:	-93.07763429
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	10/31/2013
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/13/2013
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Owner ZIP:	55155
Acreage:	1.92
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20130001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP21122
Facility Adress 2:	Not reported
Core Program Interest ID:	67184733
Link ID:	6505
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.92
Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	10/31/2013
Last Update Date:	11/02/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	U
Utm Accuracy:	U
Utm East:	493959.5
Utm North:	4975774.5
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP21122
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2006-06-27 00:00:00
Inst Control Info Updated:	2006-06-27 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	2013-10-31 00:00:00
Date End:	2013-12-13 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2013-11-06 00:00:00
Facid:	VP21122
Event:	1
Additional Information:	None Entered
Record Number:	38069

Date Started:	2013-12-12 00:00:00
Date End:	2013-12-12 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2013-12-16 00:00:00
Facid:	VP21122
Event:	1
Additional Information:	None Entered
Record Number:	38159

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	9000
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	SRV (Soil Reference Value)
Max Residual Contamination:	28200
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	24.200001
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1280
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	220
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	2.2
Date Info Last Updated:	2006-06-27 00:00:00

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3200
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1750
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	% LEL
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	758
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	240
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	970
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	4.1999998
Date Info Last Updated:	2006-06-27 00:00:00

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	126
Date Info Last Updated:	2006-06-27 00:00:00

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contacts:

Contact Type:	1
Company Name:	James Emmerich My Giant LLC
Contact Address:	2921 2nd St N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	9522403242
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jim.emmerich@actionpackedpaintball.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Molex Inc.
Contact Address:	222 Wellington Ct
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6309694550
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MTM Environmental, Inc.
Contact Address:	1871 Melrose Avenue South
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127993003
Contact Phone Ext:	Not reported
Contact Fax:	9525258708
Contact E-mail:	mtmenv@mm.rr.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572226
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	john.betcher@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2013-11-06 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3196

MN Enforcement Log :

Facility ID:	12300617
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	04/10/2012
Enforcement Type:	Letter of Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	2099
Activity ID:	NON20120001
Public Flag:	Y
Latitude:	44.9358359
Longitude:	-93.0777784
Coord Collect Meth Desc:	Digitized - MPCA internal mapping application
Mailing Address1:	22 Empire Dr
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55103
Responsible Party:	Molex Copper Flex Products (St. Paul, MN)
Zero Date:	03/29/2011
Case Closed:	4/10/2012
Case Lead:	Brent Rohne
Attorney Assigned:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

TIER 2:

Year:	2005
Facility Status:	ACTIVE
Facility Phone:	6512225833
Facility Email:	ricklemmer@molex.com
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC Code:	3672
NAICS:	334412
Dunn Brad Num:	082370255
Owner Name:	Molex, Inc.
Owner Phone:	6512225833
Owner Address:	155 Eaton Street
Owner City:	St. Paul
Owner State:	MN
Owner Zip:	55107
Mailing Name:	Molex INC. Copper Flex Products
Mailing Street:	155 EATON ST
Mailing PO BOX:	Not reported
Mailing City/State/Zip:	ST. PAUL, MN 55107
Mailing Attn:	Rick Lemmer
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Kaveh Shamloo
Title:	plant Manager
Signed Date:	2006-02-23
Attach Site Plan:	Yes
Attach Coord Abbr:	Yes
Attach Safeguard Info:	No
Attach ERP:	No
Hardcopy Attachments:	Yes
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	2006-02-23

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

FIPS County:	27062
Latitude/Longitude:	44.935733795166/93.0779037475586
User Name:	molex1
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700011
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Facility Id:	9298
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9298
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Is Specific target organ toxicity:	Not reported
Facility Id:	9298
CAS Number:	7664939
Chemical Id:	2093
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	M
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9298
Chemical Desc ID:	2093
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Trade Secret:	No
Pure:	Yes
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	3000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	2093
Storage Container Type:	E
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10471
Storage Confidential:	No

Storage Chem Desc ID:	2093
Storage Container Type:	M
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10472
Storage Confidential:	No

Facility Id:	9298
CAS Number:	7664939
Chemical Id:	2093
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	Yes
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	E
Storage Pressure Class:	1
Storage Temperature Class:	4

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9298
Chemical Desc ID:	2093
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	Yes
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	3000
Avg Daily Amt Exact:	0

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	2093
Storage Container Type:	E
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10471
Storage Confidential:	No

Storage Chem Desc ID:	2093
Storage Container Type:	M
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10472
Storage Confidential:	No

Facility Id:	9298
CAS Number:	7664939
Chemical Id:	2093
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	2
Avg Daily Amt Code:	2
Storage Container Type:	E
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9298
Chemical Desc ID:	2093
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	Yes
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	3000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	2093
Storage Container Type:	E
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10471
Storage Confidential:	No

Storage Chem Desc ID:	2093

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Storage Container Type:	M
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10472
Storage Confidential:	No

Facility Id:	9298
CAS Number:	7664939
Chemical Id:	2093
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	2
Avg Daily Amt Code:	2
Storage Container Type:	M
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Chemicals:

Facility Id:	9298
Chemical Desc ID:	2093
CAS No:	7664939
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Trade Secret:	No
Pure:	Yes
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	Yes
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	3000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	Yes
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	2093
Storage Container Type:	E
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10471
Storage Confidential:	No

Storage Chem Desc ID:	2093
Storage Container Type:	M
Storage Pressure:	1
Storage Temp:	4
Storage Location:	TANKS & ACID STORAGE SHELVES IN MIDDLE OF BLDG AND NW QUADRANT OF WASTE WATER TREATMENT
Storage ID:	10472
Storage Confidential:	No

Facility Id:	9298
CAS Number:	7664939
Chemical Id:	Not reported
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	No

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Glass bottles or jugs
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9298
CAS Number:	7664939
Chemical Id:	Not reported
Chemical Name:	SULFURIC ACID
EHS Name:	SULFURIC ACID
Is EHS:	Yes
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Plastic or nonmetallic drum
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Contact:

Contact ID:	18596
Contact Type:	T2EC
Contact Name:	Rick Lemme
Contact Title:	Environmen
Sort Order:	1

Contact:

Contact ID:	18597
Contact Type:	T2EC
Contact Name:	Jim Larson
Contact Title:	Engineer
Sort Order:	2

WIMN:

Status:	Y
Latitude:	44.935835900000001
Longitude:	-93.0777784
Item ID:	2099-AISI0000002099
AI ID:	2099
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI

MOLEX INC. COPPER FLEX PRODUCTS (Continued) **S108073409**

Subject Item ID:	2099
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	AQ; HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	09/27/2015
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	03/22/2017
User Name of Last Update:	kkircho
Status Date:	Not reported
The Delta Spatial ID:	1194
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Air Quality; Brownfields, Voluntary Investigation and Cleanup; Hazardous Waste
MPCA ID:	Multiple IDs
MPCA List:	12300617; MND082370255; MND985713452; TS0124242; VP21120; VP21121; VP211
Program List:	Air Quality; Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Bare Printed Circuit Board Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2099

AI184 **ST. PAUL AIRPORT HOLMAN FIELD** **MN LUST** **S105833043**
SSE **520 EATON ST** **MN LAST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.429 mi. **MN Financial Assurance**
2265 ft. **Site 1 of 4 in cluster AI** **MN TIER 2**
MN WIMN

Relative:
Lower

Actual:
699 ft.

LUST:

Item ID:	40863-AREA0000000002
MNPCA ID:	Not reported
AI ID:	40863

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

AI Name:	MAC/St Paul Downtown Airport
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Jessica Ebertz (former)
Latitude:	44.93994141
Longitude:	-93.06921387
Coord Collection Method:	Digitized-DOQ
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=40863
Leak Discovered:	4/16/2003
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Metropolitan Airports Commission
Site Closed:	4/1/2005
Owner Address:	6040 28th Ave S
Owner City:	Minneapolis
Owner State:	MN
Owner ZIP:	554502701
SI Type:	Underground Storage Tank System
Leak Reported:	4/17/2003

LAST:

Item ID:	40863-AREA0000000002
AI ID:	40863
MN PCA ID:	Not reported
AI Name:	MAC/St Paul Downtown Airport
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Jessica Ebertz (former)
Latitude:	44.93994141
Longitude:	-93.06921387
Corrd Collection Method:	Digitized-DOQ
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=40863
Leak Discovered:	4/16/2003
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	4/1/2005
Owner:	Metropolitan Airports Commission
Owner Address:	6040 28th Ave S
Owner City:	Minneapolis
Owner State:	MN
Owner ZIP:	554502701
SI Type:	Aboveground Storage Tank
Leak Reported:	4/17/2003

SRS:

Facility ID:	LS0015194
Item ID:	40863-AREA0000000002
AI ID:	40863

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

AI Name:	MAC/St Paul Downtown Airport
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Jessica Ebertz (former)
Latitude:	44.93994141
Longitude:	-93.06921387
Coord Collection Method:	Digitized-DOQ
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=40863
Leak Discovered:	04/16/2003
Leak Reported:	04/17/2003
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	04/01/2005
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20030001
Act Desc:	Leak Site Investigation
Status:	Closed

MN Financial Assurance 1:

PROGRAM ID:	199457
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	198156
Interest Telephone:	6512244306
Preferred ID:	10288
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	07/23/1992
TMSP Last Update:	03/24/2006 12:21:15
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	UST AUDIT RECEIVED ON 6/21/99.

PROGRAM ID:	199457

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	65378
Interest Telephone:	NO CORE PI PH.
Preferred ID:	10288
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	03/24/2006
TMSP Last Update:	08/16/2007 09:52:05
Staff ID Last Update:	JHENRY
Source:	CORE
Source ID:	56243
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	UST AUDIT RECEIVED ON 6/21/99.

PROGRAM ID:	263996
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	65378
Interest Telephone:	NO CORE PI PH.
Preferred ID:	15194
Interest Start Date:	05/02/2003
Interest End Date:	03/24/2006
Activity Flag:	N
TMSP Added:	03/24/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	56243
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	263996
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	198156
Interest Telephone:	Not reported
Preferred ID:	15194
Interest Start Date:	05/02/2003
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	05/02/2003
TMSP Last Update:	03/24/2006 13:06:26
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: Not reported

Latitude Longitude:
Program Id: 199457
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Not reported
TMSP Added: 04/26/2010 10:42:54
TMSP Last Update: 04/26/2010 10:42:54
Staff ID Last Update: BPALMQU
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 56243
Spatial ID: 51067895

Program Id: 199457
Lat/Long ID: 67135
Latitude Degrees: 44
Latitude Minutes: 55
Latitude Seconds: 59.56
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 23.08
Collection Date: 03/16/2010 18:56:44
Lat/Long Description: Not reported
TMSP Added: 02/24/2001 00:00:00
TMSP Last Update: 03/16/2010 21:21:10
Staff ID Last Update: MAPT_NC
Coord Source Type: 2
Org Name Source: MPCA
Coord Coll Meth: A1
Map Scale Code: T
Source: CORE
Site ID: 56243
Spatial ID: 51067895

Tab Site:
Program Id: 199457
Facility Code: 37
Above or Under Code: 3
Indian Reservation: N
Ust Registration Date: 05/07/1986 00:00:00
Ast Registration Date: Not reported
TMSP Added: 07/23/1992 19:11:05

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

TMSP Last Update: 07/17/2007 16:41:24
Staff ID Last Update: SSMITH
Max Monthy Gallons: Not reported
Vapor Recovery Installed: N
Vapor Notif Required: N

Latitude Longitude:
Program Id: 263996
Lat/Long ID: 1
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 23.79532608
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 9.16685422
Collection Date: 03/30/2005 00:00:00
Lat/Long Description: Site Center
TMSP Added: 08/03/2004 12:34:16
TMSP Last Update: 03/30/2005 16:05:37
Staff ID Last Update: JEBERTZ
Coord Source Type: 2
Org Name Source: Jessica Ebertz
Coord Coll Meth: I2
Map Scale Code: Not reported
Source: TALES
Site ID: 56243
Spatial ID: 51071542

Program Id: 263996
Lat/Long ID: 67135
Latitude Degrees: 44
Latitude Minutes: 55
Latitude Seconds: 59.56
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 23.08
Collection Date: 03/16/2010 18:56:44
Lat/Long Description: Not reported
TMSP Added: 02/24/2001 00:00:00
TMSP Last Update: 03/16/2010 21:21:10
Staff ID Last Update: MAPT_NC
Coord Source Type: 2
Org Name Source: MPCA
Coord Coll Meth: A1
Map Scale Code: T
Source: CORE
Site ID: 56243
Spatial ID: 51071542

Staff Name:
Program Id: 263996
Staff Sequence ID: 37510
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 05/02/2003 09:21:28

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

TMSP Last Update:	01/20/2012 10:39:38
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3226

TIER 2:

Year:	2007
Facility Status:	ACTIVE
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	4581
NAICS:	Not reported
Dunn Brad Num:	Not reported
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Not reported
Title:	Not reported
Signed Date:	Not reported
Attach Site Plan:	Not reported
Attach Coord Abbr:	Not reported
Attach Safeguard Info:	Not reported
Attach ERP:	Not reported
Hardcopy Attachments:	Not reported
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	Not reported
FIPS County:	Not reported
Latitude/Longitude:	/
User Name:	Not reported
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	UNKNOWN
Status 312:	UNKNOWN
Emergency Contact Name1:	Greg Fries
Emergency Contact Name2:	MAC Communications Center
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	13966
CAS Number:	68476302
Chemical Id:	34518
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported
Facility Id:	13966
CAS Number:	8006619
Chemical Id:	34519
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	34519
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	34518
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	34518
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	34519
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	34519
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	34518

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	34518
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	B

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	34519
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	MAINTENANCE FACILITY
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	34519
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	34518
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	9
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Airport
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids)	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	Yes

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	Yes
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	9
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Airport
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids)	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	Yes
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	9
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Airport
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids)	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	Yes
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	Yes
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	9
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Airport
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	Yes
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

Facility Id:	13966
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	5
Avg Daily Amt Code:	5
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	9

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Airport
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	Yes
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	Yes
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

Facility Id:	13966
CAS Number:	68476302
Chemical Id:	Not reported
Chemical Name:	FUEL OIL, [NO. 2]
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	7
Avg Daily Amt Code:	7
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	9
Fire Department:	ST PAUL
Phone:	Not reported
Nature of Business:	Airport
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	No

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	Yes
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

Click this hyperlink while viewing on your computer to access
26 additional MN_TIER2: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.933213799999997
Longitude:	-93.073079500000006
Item ID:	40863-AISI0000040863
AI ID:	40863
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	40863
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	44695
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Hazardous Waste, Minimal quantity generator; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0015194; MND985709369; TS0010288
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Airport Operations
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=40863

AJ185 **CNW TRANS** **MN SPILLS** **S105062878**
SW **206 EATON ST** **MN Financial Assurance** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN WIMN**
0.430 mi.
2270 ft. **Site 1 of 2 in cluster AJ**

Relative:
Higher

Actual:
706 ft.

SPILLS:

Program ID:	311074
Preferred ID:	62694
Incident ID:	62694
edr_fcity:	ST. PAUL
Incident Date:	2/27/2005
Program:	Emergency Management
Incident Types:	Transportation Accident - Railroad
Duty Officer Number:	68780
Lead Investigator:	Dorene Fier-Tucker
Incident Status:	Closed or Completed
Closure Type:	No Action Necessary
AI ID source:	Not reported
Source name:	Union Pacific Railroad - Omaha
Source Address:	1416 Dodge St
Source City:	Not reported
Source State:	NE
Source ZIP:	68179
Substance:	Diesel Fuel
Quantity:	15
Units:	gallons
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	311074
Facility Address 2:	Not reported

CNW TRANS (Continued) **S105062878**

Spill Date: 02/27/2005

Program ID: 261013
Facility Address 2: Not reported
Spill Date: 03/19/2003

Program ID: 230028
Facility Address 2: Not reported
Spill Date: 03/07/2001

SPILLS:
Program ID: 311074
Spill Inc Affected ID: 175939
Spill Inc Affected Code: 6
Tmsp Added: 03/02/2005 08:54:45
Tmsp Last Updated: 03/02/2005 08:54:45
Staff ID Last Update: DFIER

SPILLS:
Program ID: 311074
Spill Incident Accuracy ID: 175938
Spill Product Code: 30
Spill Qty Units: 5
Spill Incident Accuracy: 1
Spill Released Qty: 15
Tmsp Added: 03/02/2005 08:54:45
Tmsp Last Update: 03/02/2005 08:54:45
Staff ID Last Update: DFIER

Program ID: 230028
Preferred ID: 53957
Incident ID: 53957
edr_fcity: ST. PAUL
Incident Date: 3/7/2001
Program: Emergency Management
Incident Types: Transportation Accident - Railroad
Duty Officer Number: 25178
Lead Investigator: Mark Oemichen
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: Union Pacific Railroad
Source Address: 1416 Dodge St
Source City: Omaha
Source State: NE
Source ZIP: 68179
Substance: Diesel Fuel
Quantity: 100
Units: gallons
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 311074
Facility Address 2: Not reported

CNW TRANS (Continued) **S105062878**

Spill Date: 02/27/2005

Program ID: 261013
Facility Address 2: Not reported
Spill Date: 03/19/2003

Program ID: 230028
Facility Address 2: Not reported
Spill Date: 03/07/2001

SPILLS:
Program ID: 230028
Spill Inc Affected ID: 152293
Spill Inc Affected Code: 6
Tmsp Added: 03/08/2001 13:29:55
Tmsp Last Updated: 05/04/2002 09:59:27
Staff ID Last Update: TANKS

SPILLS:
Program ID: 230028
Spill Incident Accuracy ID: 152292
Spill Product Code: 30
Spill Qty Units: 5
Spill Incident Accuracy: 2
Spill Released Qty: 100
Tmsp Added: 03/08/2001 13:29:55
Tmsp Last Update: 05/04/2002 09:59:27
Staff ID Last Update: TANKS

Program ID: 261013
Preferred ID: 58671
Incident ID: 58671
edr_fcity: ST. PAUL
Incident Date: 3/19/2003
Program: Emergency Management
Incident Types: Transportation Accident - Railroad
Duty Officer Number: Not reported
Lead Investigator: Hans Neve
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: Union Pacific Railroad - St Louis
Source Address: Address Unknown
Source City: Not reported
Source State: MO
Source ZIP: Not reported
Substance: Diesel Fuel
Quantity: 30
Units: gallons
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 311074
Facility Address 2: Not reported

CNW TRANS (Continued) **S105062878**

Spill Date: 02/27/2005

Program ID: 261013
Facility Address 2: Not reported
Spill Date: 03/19/2003

Program ID: 230028
Facility Address 2: Not reported
Spill Date: 03/07/2001

SPILLS:
Program ID: 261013
Spill Inc Affected ID: 164772
Spill Inc Affected Code: 6
Tmsp Added: 03/20/2003 08:51:23
Tmsp Last Updated: 03/20/2003 08:51:23
Staff ID Last Update: HNEVE

SPILLS:
Program ID: 261013
Spill Incident Accuracy ID: 164771
Spill Product Code: 30
Spill Qty Units: 5
Spill Incident Accuracy: 1
Spill Released Qty: 30
Tmsp Added: 03/20/2003 08:51:23
Tmsp Last Update: 03/20/2003 08:51:23
Staff ID Last Update: HNEVE

MN Financial Assurance 1:
PROGRAM ID: 230028
Township Name: Not reported
Region: 1
Interest Type: Spill site
ADDR ID: 291937
Interest Telephone: Not reported
Preferred ID: 53957
Interest Start Date: 03/08/2001
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 03/08/2001
TMSP Last Update: 01/05/2006 10:32:21
Staff ID Last Update: JFLODQU
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: **No file** While refueling locomotive, fuel line came off spilling diesel to ground. WCEC was called in for cleanup.

PROGRAM ID: 261013
Township Name: Not reported
Region: 1

CNW TRANS (Continued) **S105062878**

Interest Type:	Spill site
ADDR ID:	291937
Interest Telephone:	Not reported
Preferred ID:	58671
Interest Start Date:	03/20/2003
Interest End Date:	03/18/2004
Activity Flag:	Not reported
TMSP Added:	03/20/2003
TMSP Last Update:	09/22/2005 10:39:13
Staff ID Last Update:	JFLODQU
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	**File exists** \\n\\nSource unknown, possibly a locomotive which is no longer there. Hulcher has been contacted for clean-up.

PROGRAM ID:	311074
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	431087
Interest Telephone:	Not reported
Preferred ID:	62694
Interest Start Date:	03/02/2005
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	03/02/2005
TMSP Last Update:	03/02/2005 08:54:45
Staff ID Last Update:	DFIER
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Caller reports puncture in fuel tank caused spill of material to ground. Contractor has been hired for cleanup. Cause and extent of puncture/spill is under investigation.

WIMN:

Status:	Y
Latitude:	44.934696299999999
Longitude:	-93.077118400000003
Item ID:	26767-AISI0000026767
AI ID:	26767
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	26767
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site

CNW TRANS (Continued) **S105062878**

Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	22635
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND982213464
MPCA List:	MND982213464
Program List:	Hazardous Waste
Classification:	General Automotive Repair
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=26767

WIMN:

Legislative District:	65B
Latitude:	44.93469635
Longitude:	-93.07711845
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND982213464
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30936
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

AK186 **MNDOT AERONAUTICS BUILDING** **MN WIMN** **S111751892**
West **222 E PLATO BLVD** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.436 mi.
2301 ft. **Site 1 of 2 in cluster AK**

Relative:
Higher

Actual:
700 ft.

WIMN:

Status:	Y
Latitude:	44.939049599999997
Longitude:	-93.078755599999994
Item ID:	27807-AISI0000027807
AI ID:	27807
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27807
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21625
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND982614091
MPCA List:	MND982614091
Program List:	Hazardous Waste
Classification:	Regulation and Administration of Transportation Programs

MNDOT AERONAUTICS BUILDING (Continued) **S111751892**

Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27807

WIMN:
Legislative District: 65B
Latitude: 44.93905860
Longitude: -93.07911430
Activity: Hazardous Waste, Small to Minimal QG
MPCA ID: MND982614091
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32003
Coordinate Collection Method: Address Matching House Number
Status: Active

AI187 **UNITED HEALTHCARE HANGAR** **MN VIC** **S103207957**
South **513 EATON ST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.437 mi. **MN LS**
2306 ft. **Site 2 of 4 in cluster AI** **MN WIMN**
MN NPDES

Relative:
Lower

Actual:
699 ft.

VIC:
Facility ID: VP6940
Facility Type: Brownfield Site
Item ID: 193904-AREA0000000001
AI ID: 193904
AI Name: United Health Care Hangar
Hydro: Cathy Schultz (no longer at MPCA)
Project Manager: Gerald Stahnke (no longer at MPCA)
Latitude: 44.93193054
Longitude: -93.06575775
Coord Collection Method: Digitized-DRG
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193904
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: 06/11/1996
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 11/29/1998
Owner: Unknown
Owner Address: 520 Lafayette Rd N
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55155

Prior Aug 2016:
Facility ID: VP6940
Facility Address 2: Not reported
Core Program Interest ID: 335790
Link ID: 4179
Site Type: Not reported
Active?: False
Pay Complete: False
MPCA Region: Metro
Site Size: 1.5
Score: 0

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	06/11/1996
Last Update Date:	05/06/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494811.3125
Utm North:	4975391

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6940
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1996-06-11 00:00:00
Date End:	1998-11-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP6940
Event:	1
Additional Information:	None
Record Number:	3738

Date Started:	Not reported
Date End:	1996-07-24 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	1998-01-15 00:00:00
Facid:	VP6940
Event:	1
Additional Information:	None
Record Number:	3739

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2009-12-17 00:00:00

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-04-17 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3408
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

BROWNFIELDS:

Site ID:	VP6940
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	193904-AREA0000000001
AI ID:	193904
AI Name:	United Health Care Hangar
Site type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193904
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/11/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/29/1998
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93193054
Longitude:	-93.06575775

SRS:

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Facility ID:	VP6940
Item ID:	193904-AREA0000000001
AI ID:	193904
AI Name:	United Health Care Hangar
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Latitude:	44.93193054
Longitude:	-93.06575775
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193904
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	06/11/1996
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/29/1998
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	1.5
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19960001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP6940
Facility Adress 2:	Not reported
Core Program Interest ID:	335790
Link ID:	4179
Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1.5
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	06/11/1996
Last Update Date:	05/06/1999
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	494811.3125
Utm North:	4975391
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP6940
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Miscellaneous: Not reported
SW Comments: Not reported

SIte Event Log:
Date Started: 1996-06-11 00:00:00
Date End: 1998-11-29 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-15 00:00:00
Facid: VP6940
Event: 1
Additional Information: None
Record Number: 3738

Date Started: Not reported
Date End: 1996-07-24 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-01-15 00:00:00
Facid: VP6940
Event: 1
Additional Information: None
Record Number: 3739

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 2009-12-17 00:00:00

Contacts:
Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1998-04-17 00:00:00
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3408

Contact Type: 1
Company Name: MPCA
Contact Address: 520 Lafayette Rd N
Contact Address 2: Not reported
Contact Province: Not reported

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

MN LS:

Link ID:	4179
EPA ID:	Not reported
MPCA ID:	VP6940
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

WIMN:

Status:	Y
Latitude:	44.931931489999997
Longitude:	-93.065755699999997
Item ID:	193904-AISI0000193904
AI ID:	193904
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	193904
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822208aa
PLS Township:	28
Range:	22
Range Direction:	W
Section:	8
Quarters:	aa
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50646382
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP6940
MPCA List:	VP6940
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193904

WIMN:

Legislative District:	65B
Latitude:	44.93168412
Longitude:	-93.06773816
Activity:	Construction Stormwater Permit
MPCA ID:	C00018139
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186813
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Legislative District:	65B
Latitude:	44.93193054
Longitude:	-93.06575775
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	VP6940
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=171936
Coordinate Collection Method:	Digitized-DRG
Status:	Inactive

Status:	N
Latitude:	44.931684099999998
Longitude:	-93.0677381
Item ID:	101004-AISI0000101004
AI ID:	101004

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	101004
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	04/14/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	02/12/2007
The Delta Spatial ID:	51091913
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00018139
MPCA List:	C00018139
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=101004

WIMN:

Legislative District:	65B
Latitude:	44.93168412
Longitude:	-93.06773816
Activity:	Construction Stormwater Permit
MPCA ID:	C00018139
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=186813
Coordinate Collection Method:	Address Matching House Number

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Status:	Inactive
Legislative District:	65B
Latitude:	44.93193054
Longitude:	-93.06575775
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	VP6940
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=171936
Coordinate Collection Method:	Digitized-DRG
Status:	Inactive

NPDES:

Envid:	S103207957
Facility Name:	PROJECT EAGLE HANGAR ADDITION - CSW
Address:	Not reported
Active:	N
Interest Type Description:	Not reported
Activity ID:	C00018139
Preferred ID:	Not reported
Activity Sys ID:	10100418139
Activity Type:	Coverage Termination
Activity Type Code:	56
Effective Start Date:	04/11/2006
End Date:	10/06/2006
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9316841
Longitude Degree:	-93.0677381
Location Description:	Not reported
New Imp Area:	1.25
Old Imp Area:	0.5
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Not reported
Owner Organization Type:	Not reported
Permit Sys ID:	59704
Project Name:	Project Eagle Hangar Addition - CSW
Project Size:	2.2
Termination Date:	02/12/2007
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported

UNITED HEALTHCARE HANGAR (Continued) **S103207957**

Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

AI188 **MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT** **MN ENF** **S119129094**
South **515 EATON ST** **MN MANIFEST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN WIMN**
0.437 mi. **MN NPDES**
2306 ft. **Site 3 of 4 in cluster AI**

Relative: **Lower**
Actual: **699 ft.**

MN Enforcement Log :

Facility ID:	TS0018651
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	01/25/2007
Enforcement Type:	Citation Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	30187
Activity ID:	NON20070001
Public Flag:	Y
Latitude:	44.9333489
Longitude:	-93.0729971
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	515 Eaton St
Mailing City Name:	Saint Paul
Mailing State Code:	MN

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Mailing Zip Code:	55107
Responsible Party:	Jonathan Krueger (St. Paul, MN); Regent Aviation (St. Paul, MN)
Zero Date:	01/25/2007
Case Closed:	6/29/2007
Case Lead:	Shirley Smith
Attorney Assigned:	Not reported
Lead Program:	Underground Tanks
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	TS0018651
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	07/24/2010
Enforcement Type:	Citation Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	30187
Activity ID:	NON20100001
Public Flag:	Y
Latitude:	44.9333489
Longitude:	-93.0729971
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	515 Eaton St
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	Jason Reid (St. Paul, MN); Signature Flight Support RST (Rochester, MN)
Zero Date:	07/07/2010
Case Closed:	8/11/2010
Case Lead:	Benjamin Palmquist
Attorney Assigned:	Not reported
Lead Program:	Underground Tanks
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Incurred - Civil: Not reported
Interest: Not reported
Nonforgivable: Not reported
Not Abated: Not reported
SEP Abandonment: Not reported
Grand Total: Not reported

Facility ID: TS0018651
Violation: Not reported
Determined Date: Not reported
Determined By: Not reported
Responsible Agency: Not reported
RTC Date: Not reported
Enforcement Sequence: Not reported
Effective End Date: 01/24/2014
Enforcement Type: Citation Warning
Lead Agency: Not reported
Sequence: Not reported
AI ID: 30187
Activity ID: NON20140001
Public Flag: Y
Latitude: 44.9333489
Longitude: -93.0729971
Coord Collect Meth Desc: Address Matching House Number
Mailing Address1: 515 Eaton St
Mailing City Name: Saint Paul
Mailing State Code: MN
Mailing Zip Code: 55107
Responsible Party: Signature Flight Support RST (Rochester, MN)
Zero Date: 12/19/2013
Case Closed: 4/16/2014
Case Lead: Jenalee Boese
Attorney Assigned: Not reported
Lead Program: Underground Tanks
Multimedia: N
Multimedia Desc: N
SEP Amount: Not reported
Calculated: Not reported
Citation: Not reported
Civil: Not reported
Forgivable: Not reported
Incurred - Administrative: Not reported
Incurred - Civil: Not reported
Interest: Not reported
Nonforgivable: Not reported
Not Abated: Not reported
SEP Abandonment: Not reported
Grand Total: Not reported

MANIFEST:
Manifest ID: 544203
Generator ID: MND985723568
Generator AI ID: 30187
Transporter 1 ID: ILD984908202
Transporter 1 AI ID: 37702
Transporter 1 AI Name: Safety Kleen Corp
Transporter 1 Address: 1000 N Randall Rd

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	11/3/1993 0:00:00
Fac Copy Recd Date:	1993-10-28 00:00:00
Gen Ship Date:	1993-10-25 00:00:00
Trans 1 Recd Date:	1993-10-25 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-10-25 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544203
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	15
Waste Units Code:	AD
Waste Code List:	D001

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Manifest ID:	544204
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	12/9/1993 0:00:00
Fac Copy Recd Date:	1993-12-09 00:00:00
Gen Ship Date:	1993-12-07 00:00:00
Trans 1 Recd Date:	1993-12-07 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-12-07 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544204
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	15
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	544205
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1992-04-08 00:00:00
Gen Ship Date:	1992-04-06 00:00:00
Trans 1 Recd Date:	1992-04-06 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-04-07 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

NAIC Desc: 922120 - Police Protection

Detail:

Manifest ID:	544205
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	90
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	544206
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	2/3/1994 0:00:00
Fac Copy Recd Date:	1994-02-03 00:00:00
Gen Ship Date:	1994-02-01 00:00:00
Trans 1 Recd Date:	1994-02-01 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1994-02-01 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544206
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	16
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	544207
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1992-06-02 00:00:00
Gen Ship Date:	1992-05-29 00:00:00
Trans 1 Recd Date:	1992-05-29 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-06-01 00:00:00
Comments:	Not reported

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544207
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	45
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	544208
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

TSD Zip:	55121
Gen Copy Recd Date:	3/31/1994 0:00:00
Fac Copy Recd Date:	1994-03-31 00:00:00
Gen Ship Date:	1994-03-28 00:00:00
Trans 1 Recd Date:	1994-03-28 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1994-03-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544208
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	7
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	544209
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1993-03-30 00:00:00
Gen Ship Date:	1992-07-23 00:00:00
Trans 1 Recd Date:	1992-07-23 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-07-24 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544209
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	544210
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1992-09-29 00:00:00
Gen Ship Date:	1992-09-25 00:00:00
Trans 1 Recd Date:	1992-09-25 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-09-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544210
Manifest Row:	1
Haz Material Name:	MINERAL SPIRITS, COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	IB
Waste Code List:	D001

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Manifest ID:	544211
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1992-11-25 00:00:00
Gen Ship Date:	1992-11-20 00:00:00
Trans 1 Recd Date:	1992-11-20 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-11-23 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120
NAIC Desc:	922120 - Police Protection

Detail:

Manifest ID:	544211
Manifest Row:	1
Haz Material Name:	MINERAL SPIRITS, COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	52
Waste Units Code:	IB
Waste Code List:	D001
Manifest ID:	781101
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	4/14/2004 0:00:00
Fac Copy Recd Date:	2004-04-19 00:00:00
Gen Ship Date:	2004-04-12 00:00:00
Trans 1 Recd Date:	2004-04-12 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2004-04-12 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-539-1301

NAIC:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
NAIC Code:	922120

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

NAIC Desc: 922120 - Police Protection

Detail:

Manifest ID:	781101
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMPF
Waste Qty:	4
Waste Units Code:	AD
Waste Code List:	D008,D018,D039,D040

Manifest ID:	782893
Generator ID:	MND985723568
Generator AI ID:	30187
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	ILD980613913
TSD AI ID:	37858
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2004-04-16 00:00:00
Gen Ship Date:	2004-02-27 00:00:00
Trans 1 Recd Date:	2004-02-27 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2004-03-09 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	30187
Generator ID:	MND985723568
Generator AI Name:	Minnesota State Patrol - District 2000 Flight Sect
Generator Contact:	Matt Nelson
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Contact Email: Not reported
Contact Phone: 651-539-1301

NAIC:
Generator AI ID: 30187
Generator ID: MND985723568
Generator AI Name: Minnesota State Patrol - District 2000 Flight Sect
NAIC Code: 922120
NAIC Desc: 922120 - Police Protection

Detail:
Manifest ID: 782893
Manifest Row: 1
Haz Material Name: CHROMIUM, LEAD
Haz Class Number: Not reported
UN NA Number: Not reported
Packing Group Number: Not reported
Container Qty: 2
Container Code: DMML
Waste Qty: 85
Waste Units Code: AD
Waste Code List: D006,D007,D008

Click this hyperlink while viewing on your computer to access
18 additional MN MANIFEST: record(s) in the EDR Site Report.

WIMN:
Status: Y
Latitude: 44.933348899999999
Longitude: -93.072997099999995
Item ID: 30187-AISI0000030187
AI ID: 30187
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 30187
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Multiple Programs
Program List: HW; ST; TL
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4
House District: 65B
Senate District: 65
USGS 8-digits: 07010206
USGS 8-digits Name: Mississippi River - Twin Cities
USGS 10-digits: 701020608
USGS 12-digits: 70102060805
USGS 12-digits Name: Harriet Island-Mississippi River
MDH Drinking Water Management Code: Not reported
MDH Drinking Water Management Name: Not reported
Location Description: Not reported

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	07/01/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	07/01/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	22820
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Hazardous Waste; Industrial Stormwater; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	A00006460; MND985723568; TS0018651
Program List:	Hazardous Waste; Stormwater; Tanks
Classification:	Police Protection
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30187
Status:	Y
Latitude:	44.931615000000001
Longitude:	-93.065185999999997
Item ID:	136603-AISI0000136603
AI ID:	136603
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	136603
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/09/2010
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	58386186
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	MNR0534ZY; MNR0538P4
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=136603

NPDES:

Envid:	S119129094
Facility Name:	SIGNATURE FLIGHT SUPPORT STP
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNR0534ZY
Preferred ID:	Not reported
Activity Sys ID:	136603
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	08/09/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.931615
Longitude Degree:	-93.065186
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Signature Flight Support
Owner Organization Type:	Not reported
Permit Sys ID:	105068
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	10
Activity Description:	General Aviation support activities including into plane fueling,deicing and ground service equipment maintenance (Waterbody <1 Mile? Y.)
No Exposure:	No

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	S
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

Envid:	S119129094
Facility Name:	SIGNATURE FLIGHT SUPPORT STP
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNR0538P4
Preferred ID:	Not reported
Activity Sys ID:	136603
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Coverage Date:	Not reported
Latitude Degree:	44.931615
Longitude Degree:	-93.065186
Location Description:	Not reported
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Signature Flight Support
Owner Organization Type:	Not reported
Permit Sys ID:	133320
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	18
Activity Description:	Air support activities to include aircraft fueling, storage and glycol containing deice activities (Waterbody <1 Mile? Y.)
No Exposure:	No
One Mile:	Yes
Permit Type:	Industrial Stormwater Permit
Sector List:	S
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT (Continued) **S119129094**

Y Coord: Not reported
Coordinate Method: Not reported
Prog Int ID: Not reported
Doc Int ID: Not reported

AJ189 **FILLMORE REDEVELOPMENT SITE** **MN BROWNFIELDS S120059758**
SW **FILLMORE, FAIRFIELD & LIVINGSTON AV** **MN WIMN N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.441 mi.
2330 ft. **Site 2 of 2 in cluster AJ**

Relative: **Higher**
Actual: **724 ft.**

BROWNFIELDS:

Site ID:	VP33230
Leak Num:	Not reported
Owner Name:	Fillmore Avenue Apartments LLC
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	190141-AREA0000000001
AI ID:	190141
AI Name:	Fillmore Redevelopment Site
Site type:	Brownfield Site
Hydro:	Timothy Lockrem (former)
Project Manager:	Timothy Lockrem (former)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190141
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/17/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/26/2015
Owner Address:	24 University Ave NE
Owner City:	Minneapolis
Owner State:	MN
Owner ZIP:	55413
Latitude:	44.93584475
Longitude:	-93.07834692

Site ID:	PB4887
Leak Num:	Not reported
Owner Name:	Fillmore Avenue Apartments LLC
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	190141-AREA0000000002
AI ID:	190141
AI Name:	Fillmore Redevelopment Site
Site type:	Brownfield Site
Hydro:	Bassou Oulgout
Project Manager:	Mark Koplitz
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190141
Leak Discovered:	Not reported

FILLMORE REDEVELOPMENT SITE (Continued) **S120059758**

Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	24 University Ave NE
Owner City:	Minneapolis
Owner State:	MN
Owner ZIP:	55413
Latitude:	44.93584475
Longitude:	-93.07834692

WIMN:

Status:	Y
Latitude:	44.934080059999999
Longitude:	-93.076966490000004
Item ID:	190141-AISI0000190141
AI ID:	190141
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	190141
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: center of site
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Z1
Method Description:	Zip Code Centroid
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/18/2017
Timestamp of Creation:	09/17/2015
User Name of Creator:	DELTA_M_R2

FILLMORE REDEVELOPMENT SITE (Continued) **S120059758**

Timestamp of Last Update:	09/18/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	76020989
Activity:	Multiple Activities
Activity List:	Brownfields, Petroleum Brownfield; Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	Multiple IDs
MPCA List:	PB4887; VP33230
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190141

AH190 **UNIVERSITY OF MINNESOTA SHOWBOAT** **MN SWF/LF** **S120057699**
WSW **HARRIET ISLAND RD** **MN UNPERM LF** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN ENF**
0.442 mi. **MN WIMN**
2334 ft. **Site 3 of 10 in cluster AH**

Relative:
Lower

Actual:
697 ft.

SWF/LF:

Region:	STATE
Facility ID:	Not reported
Site ID:	155417
Owner Name:	Not reported
Program:	Solid Waste
Active Type:	Solid Waste
Secondary Addr:	Not reported
Active Sub Type:	Unpermitted Solid Waste
Classic FIC:	Not reported
Active ID:	SW-gen
Active Name:	University of Minnesota Showboat
Active:	Not reported
Legislative District:	4
HUC 8:	7010206
Watershed:	Mississippi River - Twin Cities
Latitude:	44.93584475
Longitude:	-93.07834692
Method:	Public Land Survey-Two Quarter
Inst Cont:	N

UNPERM LF:

Site ID:	155417
Region:	STATE
Facility Id:	Not reported
Owner Name:	Not reported
Program:	Solid Waste
Activity Type Name:	Solid Waste
Activity Subtype Name:	Unpermitted Solid Waste
Industrial Classification:	Not reported
Activity ID:	SW-gen
Activity Name:	University of Minnesota Showboat
Active:	Not reported
Legislative District:	4
HUC 8:	7010206
Watershed Name:	Mississippi River - Twin Cities
Latitude:	44.93584475
Longitude:	-93.07834692

UNIVERSITY OF MINNESOTA SHOWBOAT (Continued) **S120057699**

Coordinate Method: Public Land Survey-Two Quarter

MN Enforcement Log :

Facility ID:	Not reported
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	01/26/2009
Enforcement Type:	Stipulation Agreement
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	155417
Activity ID:	PEN20070001
Public Flag:	Y
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collect Meth Desc:	Public Land Survey-Two Quarter
Mailing Address1:	Harriet Island Rd
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	University of Minnesota Board of Regents (Minneapolis, MN)
Zero Date:	05/07/2007
Case Closed:	12/2/2011
Case Lead:	Derek Pemble
Attorney Assigned:	Lawrence Pry
Lead Program:	Solid Waste
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	5,000
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	5,000

WIMN:

Status:	Y
Latitude:	44.935844750000001
Longitude:	-93.078346920000001
Item ID:	155417-AISI0000155417
AI ID:	155417
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	155417
Subject Item Category Description:	Agency Interest

UNIVERSITY OF MINNESOTA SHOWBOAT (Continued) **S120057699**

Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Solid Waste
Program List:	SW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	09/26/2015
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Solid Waste, Unpermitted Solid Waste
Activity List:	Solid Waste, Unpermitted Solid Waste
MPCA ID:	SW-gen
MPCA List:	SW-gen
Program List:	Solid Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=155417

AH191 **STATE AND CONCORD TOWNHOMES** **MN WIMN** **S120064513**
WSW **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.442 mi.
2334 ft. **Site 4 of 10 in cluster AH**

Relative: WIMN:
Lower

Status:	N
Latitude:	44.935844750000001
Longitude:	-93.078346920000001
Item ID:	96884-AISI0000096884
AI ID:	96884
Document ID:	0
Subject Item Type Code:	CON

Actual:
697 ft.

STATE AND CONCORD TOWNHOMES (Continued) **S120064513**

Subject Item Category Code:	AISI
Subject Item ID:	96884
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	08/30/2004
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	08/28/2007
The Delta Spatial ID:	96987
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00013294
MPCA List:	C00013294
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=96884

AH192 **30 PLATO BOULEVARD E** **MN BROWNFIELDS** **S119123911**
WSW **30 E PLATO** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.442 mi.
2334 ft. **Site 5 of 10 in cluster AH**

Relative: BROWNFIELDS:
Lower

Site ID:	VP33840
Leak Num:	Not reported
Owner Name:	Norcraft Companies LLC
Leak Source:	Not reported

Actual:
697 ft.

30 PLATO BOULEVARD E (Continued) **S119123911**

Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	40491-AREA0000000001
AI ID:	40491
AI Name:	Norcraft Companies
Site type:	Brownfield Site
Hydro:	Not reported
Project Manager:	Jamie Wallerstedt (former)
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=40491
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	02/04/2016
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/10/2016
Owner Address:	30 E Plato Blvd
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	551071809
Latitude:	44.93584475
Longitude:	-93.07834692

AH193 **ASSOCIATED MICROFILM** **MN WIMN** **S120062369**
WSW **156 BREMER BLDG** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.442 mi.
2334 ft. **Site 6 of 10 in cluster AH**

Relative: **Lower**
Actual: **697 ft.**

WIMN:

Status:	N
Latitude:	44.935844750000001
Longitude:	-93.078346920000001
Item ID:	27028-AISI0000027028
AI ID:	27028
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27028
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River

ASSOCIATED MICROFILM (Continued) **S120062369**

MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	07/27/1999
The Delta Spatial ID:	22935
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985710342
MPCA List:	MND985710342
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27028

AH194 **STATE STREET DUMP, FORMER** **MN SRS** **S119123248**
WSW **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.442 mi.
2334 ft. **Site 7 of 10 in cluster AH**

Relative: **Lower**
Actual: **697 ft.**

SRS:

Facility ID:	SA0004192
Item ID:	185515-AREA0000000001
AI ID:	185515
AI Name:	State Street Dump
Facility Type:	Site Assessment Site
Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185515
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/01/1987
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/01/1987
Owner:	Unknown
Owner Address:	520 Lafayette Rd N

STATE STREET DUMP, FORMER (Continued) **S119123248**

Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20160001
Act Desc:	Site Assessment Investigation
Status:	Closed

AH195 **FILLMORE REDEVELOPMENT SITE** **MN VIC** **S119123819**
WSW **FILLMORE, FAIRFIELD & LIVINGSTON AV** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.442 mi.
2334 ft. **Site 8 of 10 in cluster AH**

Relative: **Lower**

Actual: **697 ft.**

VIC:

Facility ID:	VP33230
Facility Type:	Brownfield Site
Item ID:	190141-AREA0000000001
AI ID:	190141
AI Name:	Fillmore Redevelopment Site
Hydro:	Timothy Lockrem (former)
Project Manager:	Timothy Lockrem (former)
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190141
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/17/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/26/2015
Owner:	Fillmore Avenue Apartments LLC
Owner Address:	24 University Ave NE
Owner City:	Minneapolis
Owner State:	MN
Owner ZIP:	55413

Prior Aug 2016:

Facility ID:	VP33230
Facility Address 2:	Not reported
Core Program Interest ID:	76120144
Link ID:	8368
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	16.709999

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	09/17/2015
Last Update Date:	10/26/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	493261.27590000001

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

Utm North:	4976205.4292000001
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

SIte Event Log:

Date Started:	2015-09-17 00:00:00
Date End:	2015-10-26 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-09-21 00:00:00
Facid:	VP33230
Event:	1
Additional Information:	None Entered
Record Number:	41216

Date Started:	2015-09-17 00:00:00
Date End:	2015-10-26 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-10-26 00:00:00
Facid:	VP33230
Event:	1
Additional Information:	None Entered
Record Number:	41343

Date Started:	2015-09-17 00:00:00
Date End:	2015-10-26 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-10-26 00:00:00
Facid:	VP33230
Event:	1
Additional Information:	None Entered
Record Number:	41344

Contacts:

Contact Type:	1
Company Name:	Wenck Associates, Inc.
Contact Address:	1802 Wooddale Dr
Contact Address 2:	Not reported

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6513955205
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	ctiller@wenck.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Fillmore Avenue Apartments, LLC
Contact Address:	24 University Ave NE
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127464090
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jhunt@huntassociatesllc.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Weidner Investment Services, Inc.
Contact Address:	9757 NE Juanita Dr
Contact Address 2:	Ste 300
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	4258213844
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	kyran@weidner.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported
Contact Fax:	0000000000

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441

SRS:

Facility ID:	VP33230
Item ID:	190141-AREA0000000001
AI ID:	190141
AI Name:	Fillmore Redevelopment Site
Facility Type:	Brownfield Site
Hydro:	Timothy Lockrem (former)
Project Manager:	Timothy Lockrem (former)
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190141
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/17/2015
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/26/2015
Owner:	Fillmore Avenue Apartments LLC
Owner Address:	24 University Ave NE
Owner City:	Minneapolis
Owner State:	MN
Owner ZIP:	55413
Acreage:	16.71
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150002
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP33230
Facility Adress 2:	Not reported
Core Program Interest ID:	76120144
Link ID:	8368
Site Type:	Other
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	16.709999
Score:	Not reported
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Not reported
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	A. Nichols
Created Date:	09/17/2015
Last Update Date:	10/26/2015
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	Not reported
Congressional District:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	Not reported
NAD Number:	Not reported

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	MPCA Delta database
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	Not reported
Utm Method:	Not reported
Utm Scale:	Not reported
Utm Accuracy:	Not reported
Utm East:	493261.27590000001
Utm North:	4976205.4292000001
Utm Zone:	Not reported
Basin Code:	Not reported
Major Watershed:	Not reported
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	OnBase
VIC Application GIS:	False
Petroleum Brownfields Prog?:	True

SIte Event Log:

Date Started:	2015-09-17 00:00:00
Date End:	2015-10-26 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-09-21 00:00:00
Facid:	VP33230
Event:	1
Additional Information:	None Entered
Record Number:	41216
Date Started:	2015-09-17 00:00:00
Date End:	2015-10-26 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-10-26 00:00:00
Facid:	VP33230
Event:	1
Additional Information:	None Entered
Record Number:	41343
Date Started:	2015-09-17 00:00:00
Date End:	2015-10-26 00:00:00

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-10-26 00:00:00
Facid:	VP33230
Event:	1
Additional Information:	None Entered
Record Number:	41344

Contacts:

Contact Type:	1
Company Name:	Wenck Associates, Inc.
Contact Address:	1802 Wooddale Dr
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6513955205
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	ctiller@wenck.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	0

Contact Type:	1
Company Name:	Fillmore Avenue Apartments, LLC
Contact Address:	24 University Ave NE
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6127464090
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	jhunt@huntassociatesllc.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	T
Staff Id Num:	0

Contact Type:	1
Company Name:	Weidner Investment Services, Inc.
Contact Address:	9757 NE Juanita Dr
Contact Address 2:	Ste 300
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	4258213844
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	kyran@weidner.com
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported

FILLMORE REDEVELOPMENT SITE (Continued) **S119123819**

Receive Invoice:	F
Staff Id Num:	0
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441
Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6517572686
Contact Phone Ext:	Not reported
Contact Fax:	0000000000
Contact E-mail:	timothy.lockrem@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2015-09-21 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	15441

AH196 **FILLMORE REDEVELOPMENT SITE** **MN SRS** **S119123109**
WSW **FILLMORE, FAIRFIELD & LIVINGSTON AV** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.442 mi.
2334 ft. **Site 9 of 10 in cluster AH**

Relative: **Lower**
Actual: **697 ft.**

SRS:

Facility ID:	PB4887
Item ID:	190141-AREA0000000002
AI ID:	190141
AI Name:	Fillmore Redevelopment Site
Facility Type:	Brownfield Site
Hydro:	Bassou Oulgout
Project Manager:	Mark Koplitz
Latitude:	44.93584475
Longitude:	-93.07834692
Coord Collection Method:	Public Land Survey-Two Quarter
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=190141
Leak Discovered:	Not reported

FILLMORE REDEVELOPMENT SITE (Continued) **S119123109**

Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Fillmore Avenue Apartments LLC
Owner Address:	24 University Ave NE
Owner City:	Minneapolis
Owner State:	MN
Owner ZIP:	55413
Acreage:	16.71
BPET:	Y
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20150001
Act Desc:	Brownfield Site
Status:	Active / Existing

AK197 **TURSSO COMPANIES INC** **MN SPILLS** **S107735514**
West **223 E PLATO BLVD** **MN AIRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN ENF**
0.443 mi. **MN Financial Assurance**
2337 ft. **Site 2 of 2 in cluster AK** **MN WIMN**
MN NPDES

Relative:
Higher

Actual:
700 ft.

SPILLS:

Program ID:	173163
Preferred ID:	14912
Incident ID:	14912
edr_fcity:	ST. PAUL
Incident Date:	1/1/1996
Program:	Emergency Management
Incident Types:	Spill or Release
Duty Officer Number:	Not reported
Lead Investigator:	Dorene Fier-Tucker
Incident Status:	Closed or Completed
Closure Type:	Not reported
AI ID source:	Not reported
Source name:	CROUSE CARTAGE COMPANY
Source Address:	Not reported
Source City:	Not reported
Source State:	Not reported
Source ZIP:	Not reported
Substance:	Diesel Fuel
Quantity:	100
Units:	gallons
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	173163

TURSSO COMPANIES INC (Continued) **S107735514**

Facility Address 2: Not reported
Spill Date: Not reported

SPILLS:
Program ID: 173163
Spill Incident Accuracy ID: 67735
Spill Product Code: 30
Spill Qty Units: 5
Spill Incident Accuracy: 2
Spill Released Qty: 100
Tmsp Added: 03/21/1996 00:00:00
Tmsp Last Update: 05/04/2002 06:48:22
Staff ID Last Update: TANKS

MN AIRS:
Facility ID: 12300606
File Number: Not reported
Fedral/State: Not reported
Mail Address: Not reported
Mail City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Latitude: 44.939322689999997
Longitude: -93.078547749999998
SIC Code: Not reported
SIC Code 2: Not reported
NAICS: 323111
Permip Program Type: Not reported
Action ID: Not reported
Effective Start: Not reported
Expiration Date: Not reported
REG PMT Option: Not reported
Emissions Year: 2016
Industry Type: Manufacturing
Pollutant: Volatile Organic Compounds
Emissions (lb): 10120
Emissions (tons): 5.06

Facility ID: 12300606
File Number: 2926
Fedral/State: Not reported
Mail Address: 223 E Plato Blvd
Mail City,St,Zip: St. Paul, MN 55107
Contact Name: Bruce Rankin
Contact Phone: (651) 222-8445
Contact Fax: Not reported
Latitude: 44.939322689999997
Longitude: -93.078547749999998
SIC Code: Not reported
SIC Code 2: Not reported
NAICS: 323110
Permip Program Type: D
Action ID: Not reported
Effective Start: Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606

TURSSO COMPANIES INC (Continued) **S107735514**

File Number: Not reported
Fedral/State: Not reported
Mail Address: Not reported
Mail City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Latitude: 44.939322689999997
Longitude: -93.078547749999998
SIC Code: Not reported
SIC Code 2: Not reported
NAICS: 323111
Permip Program Type: Not reported
Action ID: Not reported
Effective Start: Not reported
Expiration Date: Not reported
REG PMT Option: Not reported
Emissions Year: 2016
Industry Type: Manufacturing
Pollutant: CO2-equivalent
Emissions (lb): 0
Emissions (tons): 0

Facility ID: 12300606
File Number: Not reported
Fedral/State: Not reported
Mail Address: Not reported
Mail City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Fax: Not reported
Latitude: 44.939322689999997
Longitude: -93.078547749999998
SIC Code: Not reported
SIC Code 2: Not reported
NAICS: 323111
Permip Program Type: Not reported
Action ID: Not reported
Effective Start: Not reported
Expiration Date: Not reported
REG PMT Option: Not reported
Emissions Year: 2016
Industry Type: Manufacturing
Pollutant: Nitrogen Oxides
Emissions (lb): 0
Emissions (tons): 0

Facility ID: 12300606
File Number: 2926
Fedral/State: Not reported
Mail Address: 223 E Plato Blvd
Mail City,St,Zip: St. Paul, MN 55107
Contact Name: Mr. John Ertel
Contact Phone: (651) 222-8445
Contact Fax: (651) 222-0376
Latitude: 44.939322689999997
Longitude: -93.078547749999998

TURSSO COMPANIES INC (Continued) **S107735514**

SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016

TURSSO COMPANIES INC (Continued) **S107735514**

Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	CO2-equivalent
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111

TURSSO COMPANIES INC (Continued) **S107735514**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0

TURSSO COMPANIES INC (Continued) **S107735514**

Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445

TURSSO COMPANIES INC (Continued) **S107735514**

Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	6900
Emissions (tons):	3.45
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606

TURSSO COMPANIES INC (Continued) **S107735514**

File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998

TURSSO COMPANIES INC (Continued) **S107735514**

SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	11280
Emissions (tons):	5.64
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Bruce Rankin
Contact Phone:	(651) 222-8445
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	D
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2015
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013

TURSSO COMPANIES INC (Continued) **S107735514**

Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd

TURSSO COMPANIES INC (Continued) **S107735514**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111

TURSSO COMPANIES INC (Continued) **S107735514**

Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	15480
Emissions (tons):	7.74
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2013
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0

TURSSO COMPANIES INC (Continued) **S107735514**

Emissions (tons): 0

Facility ID: 12300606
File Number: 2926
Fedral/State: Not reported
Mail Address: 223 E Plato Blvd
Mail City,St,Zip: St. Paul, MN 55107
Contact Name: Mr. John Ertel
Contact Phone: (651) 222-8445
Contact Fax: (651) 222-0376
Latitude: 44.939322689999997
Longitude: -93.078547749999998
SIC Code: 2752
SIC Code 2: Not reported
NAICS: 323111
Permip Program Type: Registration
Action ID: 1
Effective Start: 05/04/1995
Expiration Date: Not reported
REG PMT Option: D
Emissions Year: 2013
Industry Type: Manufacturing
Pollutant: Lead
Emissions (lb): 0
Emissions (tons): 0

Facility ID: 12300606
File Number: 2926
Fedral/State: Not reported
Mail Address: 223 E Plato Blvd
Mail City,St,Zip: St. Paul, MN 55107
Contact Name: Mr. John Ertel
Contact Phone: (651) 222-8445
Contact Fax: (651) 222-0376
Latitude: 44.939322689999997
Longitude: -93.078547749999998
SIC Code: 2752
SIC Code 2: Not reported
NAICS: 323111
Permip Program Type: Registration
Action ID: 1
Effective Start: 05/04/1995
Expiration Date: Not reported
REG PMT Option: D
Emissions Year: 2012
Industry Type: Manufacturing
Pollutant: Carbon Monoxide
Emissions (lb): 0
Emissions (tons): 0

Facility ID: 12300606
File Number: 2926
Fedral/State: Not reported
Mail Address: 223 E Plato Blvd
Mail City,St,Zip: St. Paul, MN 55107
Contact Name: Mr. John Ertel
Contact Phone: (651) 222-8445

TURSSO COMPANIES INC (Continued) **S107735514**

Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995

TURSSO COMPANIES INC (Continued) **S107735514**

Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606

TURSSO COMPANIES INC (Continued) **S107735514**

File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	26300
Emissions (tons):	13.15

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998

TURSSO COMPANIES INC (Continued) **S107735514**

SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2012
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	20780
Emissions (tons):	10.39
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011

TURSSO COMPANIES INC (Continued) **S107735514**

Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd

TURSSO COMPANIES INC (Continued) **S107735514**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111

TURSSO COMPANIES INC (Continued) **S107735514**

Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0

TURSSO COMPANIES INC (Continued) **S107735514**

Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	24040
Emissions (tons):	12.02
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606

TURSSO COMPANIES INC (Continued) **S107735514**

File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998

TURSSO COMPANIES INC (Continued) **S107735514**

SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009

TURSSO COMPANIES INC (Continued) **S107735514**

Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	12080
Emissions (tons):	6.04
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd

TURSSO COMPANIES INC (Continued) **S107735514**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	60
Emissions (tons):	0.03

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	80
Emissions (tons):	0.04

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110

TURSSO COMPANIES INC (Continued) **S107735514**

Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	27120

TURSSO COMPANIES INC (Continued) **S107735514**

Emissions (tons):	13.56
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	40
Emissions (tons):	0.02

Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	60
Emissions (tons):	0.03

Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606

TURSSO COMPANIES INC (Continued) **S107735514**

File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	29600
Emissions (tons):	14.8

Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998

TURSSO COMPANIES INC (Continued) **S107735514**

SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323110
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	9620
Emissions (tons):	4.81
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2016

TURSSO COMPANIES INC (Continued) **S107735514**

Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300606
File Number:	2926
Fedral/State:	Not reported
Mail Address:	223 E Plato Blvd
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. John Ertel
Contact Phone:	(651) 222-8445
Contact Fax:	(651) 222-0376
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
SIC Code:	2752
SIC Code 2:	Not reported
NAICS:	323111
Permip Program Type:	Registration
Action ID:	1
Effective Start:	05/04/1995
Expiration Date:	Not reported
REG PMT Option:	D
Emissions Year:	2014
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	0
Emissions (tons):	0

MN Enforcement Log :

Facility ID:	12300606
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	07/17/1998
Enforcement Type:	Letter of Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	2221
Activity ID:	NON19980001
Public Flag:	Y
Latitude:	44.93932269
Longitude:	-93.07854775
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	223 Plato Blvd E
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	Tursso Companies Inc (St. Paul, MN)
Zero Date:	07/15/1998
Case Closed:	Not reported
Case Lead:	Robert Berg
Attorney Assigned:	Not reported
Lead Program:	Air

TURSSO COMPANIES INC (Continued) **S107735514**

Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	12300606
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	07/13/1999
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	2221
Activity ID:	NON19990001
Public Flag:	Y
Latitude:	44.93932269
Longitude:	-93.07854775
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	223 Plato Blvd E
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	Tursso Companies Inc (St. Paul, MN)
Zero Date:	06/10/1999
Case Closed:	7/13/1999
Case Lead:	Amy Lee
Attorney Assigned:	Jocelyn Olson
Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

MN Financial Assurance 1:

PROGRAM ID:	173163
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	241486
Interest Telephone:	Not reported
Preferred ID:	14912
Interest Start Date:	03/21/1996
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	03/21/1996
TMSP Last Update:	05/04/2002 06:48:22
Staff ID Last Update:	TANKS
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

WIMN:

Status:	Y
Latitude:	44.939322689999997
Longitude:	-93.078547749999998
Item ID:	2221-AISI0000002221
AI ID:	2221
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	2221
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	AQ; HW; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	09/27/2015
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	2560
Activity:	Multiple Activities
Activity List:	Air Quality; Hazardous Waste, Very small quantity generator; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	12300606; MND981959752; MNRNE36VD; MNRNE37ZP
Program List:	Air Quality; Hazardous Waste; Stormwater
Classification:	Commercial Printing (except Screen and Books)
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=2221

WIMN:

Legislative District:	65B
Latitude:	44.93932343
Longitude:	-93.07854462
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=1652
Coordinate Collection Method:	Address Matching House Number
Status:	Active

NPDES:

Envid:	S107735514
Facility Name:	TURSSO COMPANIES INC
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported
Activity ID:	MNRNE36VD
Preferred ID:	Not reported
Activity Sys ID:	2221
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/01/2011
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.93932269
Longitude Degree:	-93.07854775
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

Owner Name:	Tursso Companies, Inc
Owner Organization Type:	Not reported
Permit Sys ID:	103953
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	3
Activity Description:	Printing of labels (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	X
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported
Envid:	S107735514
Facility Name:	TURSSO COMPANIES INC
Address:	Not reported
Active:	Active

TURSSO COMPANIES INC (Continued) **S107735514**

Interest Type Description:	Not reported
Activity ID:	MNRNE37ZP
Preferred ID:	Not reported
Activity Sys ID:	2221
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.93932269
Longitude Degree:	-93.07854775
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Tursso Companies, Inc
Owner Organization Type:	Not reported
Permit Sys ID:	130102
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	0
Activity Description:	label printing (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	X
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported

TURSSO COMPANIES INC (Continued) **S107735514**

SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

198
NW
1/4-1/2
0.443 mi.
2341 ft.

PEOPLE SERVING PEOPLE INC **RCRA-CESQG** **1004740164**
353 E FILLMORE AVE **MN WIMN** **MNR000107524**
ST. PAUL, MN 55107

Relative:
Higher

Actual:
710 ft.

RCRA-CESQG:

Date form received by agency:	11/13/2001
Facility name:	PEOPLE SERVING PEOPLE INC
Facility address:	353 E FILLMORE AVE ST. PAUL, MN 55107
EPA ID:	MNR000107524
Mailing address:	400 S 10TH ST MINNEAPOLIS, MN 55404
Contact:	RAY STATTERFIELD
Contact address:	400 S 10TH ST MINNEAPOLIS, MN 55404
Contact country:	US
Contact telephone:	612-277-0232
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PEOPLE SERVING PEOPLE INC
Owner/operator address:	400 S 10TH ST MINNEAPOLIS, MN 55404
Owner/operator country:	US
Owner/operator telephone:	612-277-0232
Owner/operator email:	Not reported

PEOPLE SERVING PEOPLE INC (Continued) **1004740164**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/28/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

WIMN:
Status: N
Latitude: 44.943904699999997
Longitude: -93.075450900000007
Item ID: 59332-AISI0000059332
AI ID: 59332
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 59332
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Hazardous Waste
Program List: HW
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4
House District: 65B
Senate District: 65
USGS 8-digits: 07010206

PEOPLE SERVING PEOPLE INC (Continued) **1004740164**

USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	11/28/2001
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	03/02/2012
The Delta Spatial ID:	58638
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNR000107524
MPCA List:	MNR000107524
Program List:	Hazardous Waste
Classification:	Lessors of Nonresidential Buildings (except Miniwarehouses)
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=59332

WIMN:

Legislative District:	65B
Latitude:	44.94405401
Longitude:	-93.07615832
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000107524
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=83314
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AL199 **ASSET RECOVERY CORP - ST PAUL** **MN LUST S109686774**
WNW **150 STATE ST** **MN SRS N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN WIMN**
0.444 mi.
2343 ft. **Site 1 of 3 in cluster AL**

Relative:
Higher

Actual:
707 ft.

LUST:

Item ID:	37326-AREA0000000001
MNPCA ID:	Not reported
AI ID:	37326
AI Name:	Asset Recovery Corp - St Paul
Site Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)

ASSET RECOVERY CORP - ST PAUL (Continued) **S109686774**

Project Manager:	Dawn Duncanson-Davison (no longer at MPCA)
Latitude:	44.94134454
Longitude:	-93.07902369
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37326
Leak Discovered:	7/19/1990
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	NorthPoint Capital Partners
Site Closed:	10/12/1994
Owner Address:	2299 Territorial Rd
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55114
SI Type:	Underground Storage Tank System
Leak Reported:	7/19/1990

SRS:

Facility ID:	LS0002921
Item ID:	37326-AREA0000000001
AI ID:	37326
AI Name:	Asset Recovery Corp - St Paul
Facility Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Dawn Duncanson-Davison (no longer at MPCA)
Latitude:	44.94134454
Longitude:	-93.07902369
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37326
Leak Discovered:	07/19/1990
Leak Reported:	07/19/1990
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/12/1994
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19900001
Act Desc:	Leak Site Investigation

ASSET RECOVERY CORP - ST PAUL (Continued) **S109686774**

Status: Closed

WIMN:

Status:	Y
Latitude:	44.940577300000001
Longitude:	-93.078565600000005
Item ID:	93622-AISI0000093622
AI ID:	93622
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	93622
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	10/01/2003
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	91091
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MNR000119826
MPCA List:	MNR000119826
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=93622

ASSET RECOVERY CORP - ST PAUL (Continued) **S109686774**

WIMN:

Legislative District:	65B
Latitude:	44.94134454
Longitude:	-93.07902369
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=57115
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Status:	Y
Latitude:	44.941489799999999
Longitude:	-93.078942699999999
Item ID:	37326-AISI0000037326
AI ID:	37326
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	37326
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported

ASSET RECOVERY CORP - ST PAUL (Continued) **S109686774**

The Delta Spatial ID:	45565
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Small quantity generator; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0002921; MNR000030791; TS0003801
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37326

WIMN:

Legislative District:	65B
Latitude:	44.94134454
Longitude:	-93.07902369
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=57115
Coordinate Collection Method:	Address Matching House Number
Status:	Active

AI200 **AIR NET SYSTEMS** **RCRA-CESQG 1004726505**
SSE **527 EATON ST** **MN WIMN MN0000190645**
1/4-1/2 **ST. PAUL, MN 55107**
0.444 mi.
2344 ft. **Site 4 of 4 in cluster AI**

Relative: **Lower**

Actual: **699 ft.**

RCRA-CESQG:

Date form received by agency:	07/28/1997
Facility name:	AIR NET SYSTEMS
Facility address:	527 EATON ST ST. PAUL, MN 55107-2474
EPA ID:	MN0000190645
Contact:	JON HERKINS
Contact address:	527 EATON ST ST. PAUL, MN 55107-2474
Contact country:	US
Contact telephone:	651-635-7860
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

AIR NET SYSTEMS (Continued) **1004726505**

Owner/Operator Summary:
- Owner/operator name: AIR NET SYSTEMS
- Owner/operator address: 527 EATON ST
  ST. PAUL, MN 55107
- Owner/operator country: US
- Owner/operator telephone: 651-635-7860
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 07/26/1999
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

WIMN:
- Status: N
- Latitude: 44.933268900000002
- Longitude: -93.072826000000006
- Item ID: 30911-AISI0000030911
- AI ID: 30911
- Document ID: 0
- Subject Item Type Code: CON
- Subject Item Category Code: AISI

AIR NET SYSTEMS (Continued) **1004726505**

Subject Item ID:	30911
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	01/26/2015
The Delta Spatial ID:	22831
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MN0000190645
MPCA List:	MN0000190645
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30911

WIMN:

Legislative District:	65B
Latitude:	44.93168088
Longitude:	-93.06756670
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MN0000190645
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30545
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AM201 **USPS VEHICLE MAINTENANCE** **MN LUST** **S122445622**
WSW **314 EVA ST** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.451 mi.
2379 ft. **Site 1 of 5 in cluster AM**

Relative:
Lower

Actual:
695 ft.

LUST:

Item ID:	185-AREA0000000001
MNPCA ID:	Not reported
AI ID:	185
AI Name:	US Postal Service - St Paul Vehicle Main
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Caroline McFadden
Latitude:	44.9372911
Longitude:	-93.07882925
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185
Leak Discovered:	7/18/2018
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Us Postal Service/Fac Svc Office
Site Closed:	Not reported
Owner Address:	314 Eva St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
SI Type:	Underground Storage Tank System
Leak Reported:	7/18/2018

SRS:

Facility ID:	LS0020733
Item ID:	185-AREA0000000001
AI ID:	185
AI Name:	US Postal Service - St Paul Vehicle Main
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Caroline McFadden
Latitude:	44.9372911
Longitude:	-93.07882925
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185
Leak Discovered:	07/18/2018
Leak Reported:	07/18/2018
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported

USPS VEHICLE MAINTENANCE (Continued) **S122445622**

Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20180001
Act Desc:	Leak Site Investigation
Status:	Active / Existing

AM202 **US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY** **MN ENF** **S108074063**
WSW **314 EVA ST** **MN TIER 2** **N/A**
1/4-1/2 **ST. PAUL, MN 55107** **MN WIMN**
0.451 mi. **MN NPDES**
2379 ft. **Site 2 of 5 in cluster AM**

Relative: **Lower**

Actual: **695 ft.**

MN Enforcement Log :

Facility ID:	TS0003552
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	01/30/1996
Enforcement Type:	Citation Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	185
Activity ID:	NON19960001
Public Flag:	Y
Latitude:	44.9377837
Longitude:	-93.0792518
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	314 Eva St
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	C J Romain (St. Paul, MN); United States Postal Service (St. Paul, MN)
Zero Date:	01/30/1996
Case Closed:	Not reported
Case Lead:	Roger Fisher
Attorney Assigned:	Not reported
Lead Program:	Underground Tanks
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	TS0003552
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	02/15/2007
Enforcement Type:	Citation Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	185
Activity ID:	NON20070001
Public Flag:	Y
Latitude:	44.9377837
Longitude:	-93.0792518
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	314 Eva St
Mailing City Name:	Saint Paul
Mailing State Code:	MN
Mailing Zip Code:	55107
Responsible Party:	Steve Peterson (St. Paul, MN); United States Postal Service (St. Paul, MN)
Zero Date:	02/15/2007
Case Closed:	3/28/2007
Case Lead:	Stan Kalinoski
Attorney Assigned:	Not reported
Lead Program:	Underground Tanks
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

TIER 2:

Year:	2005
Facility Status:	ACTIVE
Facility Phone:	6512933172
Facility Email:	steven.m.peterson@usps.gov
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC Code:	4311
NAICS:	Not reported
Dunn Brad Num:	Not reported
Owner Name:	STEVEN PETERSON

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Owner Phone:	6512933172
Owner Address:	314 EVA ST
Owner City:	SAINT PAUL
Owner State:	MN
Owner Zip:	55107
Mailing Name:	US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY
Mailing Street:	314 EVA ST
Mailing PO BOX:	Not reported
Mailing City/State/Zip:	ST. PAUL, MN 55107
Mailing Attn:	STEVEN PETERSON
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	STEVEN PETERSON
Title:	ACTING MANAGERVMF
Signed Date:	2006-01-30
Attach Site Plan:	No
Attach Coord Abbr:	Yes
Attach Safeguard Info:	No
Attach ERP:	No
Hardcopy Attachments:	No
Extension Site Plan:	Not reported
Extension Coord Abbr:	Not reported
Extension Safeguard Info:	Not reported
Extension ERP:	Not reported
Last Updated ERP:	Not reported
Last Tested ERP:	Not reported
Last Reviewed ERP:	Not reported
VZone Primary:	Not reported
VZone Secondary:	Not reported
Modified Date:	2006-01-30
FIPS County:	27062
Latitude/Longitude:	44.9361000061035/93.078125
User Name:	620700359
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	620700359
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	9640
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	22548
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	2
Avg Daily Amt Code:	2
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22548
CAS No:	8006619
Chemical Name:	GASOLINE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	02
Avg Daily Amt:	02
Onsite Days:	365
Max Daily Amt Exact:	500
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22548
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112746
Storage Confidential:	No

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	22550
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22550
CAS No:	N/A

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	01
Avg Daily Amt:	01
Onsite Days:	365
Max Daily Amt Exact:	50
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22550
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112756
Storage Confidential:	No

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	22549
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22549
CAS No:	68476346
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	4000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22549
Storage Container Type:	B

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112751
Storage Confidential:	No

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	22550
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Chemical Desc ID:	22550
CAS No:	N/A
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	01
Avg Daily Amt:	01
Onsite Days:	365
Max Daily Amt Exact:	50
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22550
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112756
Storage Confidential:	No

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	22548
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	2
Avg Daily Amt Code:	2
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22548
CAS No:	8006619
Chemical Name:	GASOLINE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	02
Avg Daily Amt:	02
Onsite Days:	365
Max Daily Amt Exact:	500
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Storage Chem Desc ID:	22548
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112746
Storage Confidential:	No

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	22549
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22549
CAS No:	68476346
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	4000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22549
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112751
Storage Confidential:	No

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	22549
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22549
CAS No:	68476346
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	4000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 22549
Storage Container Type: B
Storage Pressure: 1
Storage Temp: 4
Storage Location: BETWEEN BUILDING AND EVA ST
Storage ID: 112751
Storage Confidential: No

Facility Id: 9640
CAS Number: 8006619
Chemical Id: 22548
Chemical Name: GASOLINE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 2
Avg Daily Amt Code: 2
Storage Container Type: B
Storage Pressure Class: 1
Storage Temperature Class: 4
Storage Location: BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Specific target organ toxicity: Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22548
CAS No:	8006619
Chemical Name:	GASOLINE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	02
Avg Daily Amt:	02
Onsite Days:	365
Max Daily Amt Exact:	500
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22548
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112746
Storage Confidential:	No

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	22550
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22550
CAS No:	N/A
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	01
Avg Daily Amt:	01
Onsite Days:	365
Max Daily Amt Exact:	50
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22550
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112756
Storage Confidential:	No

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	22549
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22549
CAS No:	68476346
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	4000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22549
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112751
Storage Confidential:	No

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	22548
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	2
Avg Daily Amt Code:	2
Storage Container Type:	B
Storage Pressure Class:	1

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22548
CAS No:	8006619
Chemical Name:	GASOLINE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	02
Avg Daily Amt:	02
Onsite Days:	365
Max Daily Amt Exact:	500
Avg Daily Amt Exact:	0

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22548
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112746
Storage Confidential:	No

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	22550
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22550
CAS No:	N/A
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	01
Avg Daily Amt:	01
Onsite Days:	365
Max Daily Amt Exact:	50
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22550
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112756
Storage Confidential:	No

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	22550
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22550
CAS No:	N/A
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	01
Avg Daily Amt:	01
Onsite Days:	365

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Max Daily Amt Exact:	50
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22550
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112756
Storage Confidential:	No

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	22548
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	2
Avg Daily Amt Code:	2
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22548
CAS No:	8006619
Chemical Name:	GASOLINE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	02
Avg Daily Amt:	02
Onsite Days:	365
Max Daily Amt Exact:	500
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22548
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112746
Storage Confidential:	No

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	22549
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22549
CAS No:	68476346
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	03

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	4000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22549
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112751
Storage Confidential:	No

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	22549
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	3
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22549
CAS No:	68476346
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	03
Avg Daily Amt:	03
Onsite Days:	365
Max Daily Amt Exact:	4000
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22549
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112751
Storage Confidential:	No

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	22550
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22550
CAS No:	N/A
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Immediate Health Affects:	Yes
Max Daily Amt:	01
Avg Daily Amt:	01
Onsite Days:	365
Max Daily Amt Exact:	50
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22550
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112756
Storage Confidential:	No

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	22548
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	2
Avg Daily Amt Code:	2
Storage Container Type:	B
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Chemicals:

Facility Id:	9640
Chemical Desc ID:	22548
CAS No:	8006619
Chemical Name:	GASOLINE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	No
Reactivity:	No
Delayed Health Affects:	Yes
Immediate Health Affects:	Yes
Max Daily Amt:	02
Avg Daily Amt:	02
Onsite Days:	365
Max Daily Amt Exact:	500
Avg Daily Amt Exact:	0
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	22548
Storage Container Type:	B
Storage Pressure:	1
Storage Temp:	4
Storage Location:	BETWEEN BUILDING AND EVA ST
Storage ID:	112746
Storage Confidential:	No

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Facility Id:	9640
CAS Number:	N/A
Chemical Id:	Not reported
Chemical Name:	OIL, MOTOR
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	1
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Max Daily Amt Code:	4
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	8006619
Chemical Id:	Not reported
Chemical Name:	GASOLINE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	3
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Facility Id:	9640
CAS Number:	68476346
Chemical Id:	Not reported
Chemical Name:	DIESEL FUEL
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	1
Storage Container Type:	Below ground tank
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Contact:

Contact ID:	19280
Contact Type:	T2EC
Contact Name:	STEVEN PET
Contact Title:	ACTING MAN
Sort Order:	1

Contact:

Contact ID:	19281
Contact Type:	T2EC
Contact Name:	CHRIS DEMU
Contact Title:	SUPERVISOR
Sort Order:	2

Click this hyperlink while viewing on your computer to access
31 additional MN_TIER2: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.937783699999997
Longitude:	-93.079251799999994
Item ID:	185-AISI0000000185

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

AI ID:	185
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	185
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; ST; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	10/01/2015
Timestamp of Creation:	06/11/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	2886
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	MN6180000121; MNRNE339N; MNRNE38HM; TS0003552
Program List:	Hazardous Waste; Stormwater; Tanks
Classification:	Executive, Legislative, and General Government, Except Finance
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185

NPDES:

Envid:	S108074063
Facility Name:	US POSTAL SERVICE - ST PAUL VEHICLE MAIN
Address:	Not reported
Active:	Inactive
Interest Type Description:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Activity ID:	MNRNE339N
Preferred ID:	Not reported
Activity Sys ID:	185
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/23/2010
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9377837
Longitude Degree:	-93.0792518
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Us Postal Service/Fac Svc Office
Owner Organization Type:	Not reported
Permit Sys ID:	90801
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	1
Activity Description:	Vehicle maintenance (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	AB
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported
Envid:	S108074063
Facility Name:	US POSTAL SERVICE - ST PAUL VEHICLE MAIN
Address:	Not reported
Active:	Active
Interest Type Description:	Not reported
Activity ID:	MNRNE38HM
Preferred ID:	Not reported
Activity Sys ID:	185
Activity Type:	Not reported
Activity Type Code:	Not reported
Effective Start Date:	04/05/2015
End Date:	Not reported
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	44.9377837
Longitude Degree:	-93.0792518
Location Description:	Site along road used for address match
New Imp Area:	Not reported
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Us Postal Service/Fac Svc Office
Owner Organization Type:	Not reported
Permit Sys ID:	131121
Project Name:	Not reported
Project Size:	Not reported
Termination Date:	Not reported
Acres:	0
Activity Description:	Vehicle Repair (Waterbody <1 Mile? N.)
No Exposure:	Yes
One Mile:	Not reported
Permit Type:	No Exposure Exclusion
Sector List:	AB
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY (Continued) **S108074063**

Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

AH203 **NOVA MEDICAL INC** **MN WIMN** **S110220369**
SW **150 EATON ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.452 mi.
2386 ft. **Site 10 of 10 in cluster AH**

Relative: **Higher**
Actual: **704 ft.**

WIMN:

Status:	Y
Latitude:	44.935393400000002
Longitude:	-93.078328200000001
Item ID:	24549-AISI0000024549
AI ID:	24549
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	24549
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities

NOVA MEDICAL INC (Continued) **S110220369**

USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21318
Activity:	Hazardous Waste, Minimal quantity generator
Activity List:	Hazardous Waste, Minimal quantity generator
MPCA ID:	MND985748326
MPCA List:	MND985748326
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24549

WIMN:

Legislative District:	65B
Latitude:	44.93539341
Longitude:	-93.07832824
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985748326
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32172
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

AN204 **SIGNATURE FLIGHT SUPPORT BBA** **MN MANIFEST S119127299**
SSE **529 EATON ST** **MN WIMN N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.453 mi.
2390 ft. **Site 1 of 2 in cluster AN**

Relative: **Lower**

Actual: **699 ft.**

MANIFEST:

Manifest ID:	816191
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	MND044176113
Transporter 2 AI ID:	3030
Transporter 2 AI Name:	Pioneer Tank Lines Inc
Transporter 2 Address:	12501 Hudson Rd
Transporter 2 City:	Afton
Transporter 2 State:	MN
Transporter 2 ZIP:	55001-9751
TSD ID:	KYD053348108
TSD AI ID:	37859
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	State Highway 146
TSD City:	New Castle
TSD State:	KY
TSD Zip:	40050
Gen Copy Recd Date:	5/17/2006 0:00:00
Fac Copy Recd Date:	2006-05-15 00:00:00
Gen Ship Date:	2006-04-27 00:00:00
Trans 1 Recd Date:	2006-04-27 00:00:00
Trans 2 Recd Date:	5/4/2006 0:00:00
Tsd Recd Date:	2006-05-09 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	816191
Manifest Row:	1
Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	3
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Manifest ID:	816330
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	MND044176113
Transporter 2 AI ID:	3030
Transporter 2 AI Name:	Pioneer Tank Lines Inc
Transporter 2 Address:	12501 Hudson Rd
Transporter 2 City:	Afton
Transporter 2 State:	MN
Transporter 2 ZIP:	55001-9751
TSD ID:	KYD053348108
TSD AI ID:	37859
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	State Highway 146
TSD City:	New Castle
TSD State:	KY
TSD Zip:	40050
Gen Copy Recd Date:	6/14/2006 0:00:00
Fac Copy Recd Date:	2006-06-26 00:00:00
Gen Ship Date:	2006-06-12 00:00:00
Trans 1 Recd Date:	2006-06-12 00:00:00
Trans 2 Recd Date:	6/15/2006 0:00:00
Tsd Recd Date:	2006-06-20 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	816330
Manifest Row:	1
Haz Material Name:	WASTE SOLIDS CONTAINING FLAMMABLE LIQUID NOS (FUEL, AVIATION, TURBINE EN
Haz Class Number:	4.1
UN NA Number:	UN3175

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Packing Group Number:	II
Container Qty:	1
Container Code:	DMML
Waste Qty:	100
Waste Units Code:	IB
Waste Code List:	D001,D018
Manifest ID:	816330
Manifest Row:	2
Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	3
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001
Manifest ID:	827329
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	MND044176113
Transporter 2 AI ID:	3030
Transporter 2 AI Name:	Pioneer Tank Lines Inc
Transporter 2 Address:	12501 Hudson Rd
Transporter 2 City:	Afton
Transporter 2 State:	MN
Transporter 2 ZIP:	55001-9751
TSD ID:	KYD053348108
TSD AI ID:	37859
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	State Highway 146
TSD City:	New Castle
TSD State:	KY
TSD Zip:	40050
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2007-12-06 00:00:00
Gen Ship Date:	2007-11-16 00:00:00
Trans 1 Recd Date:	2007-11-16 00:00:00
Trans 2 Recd Date:	11/21/2007 0:00:00
Tsd Recd Date:	2007-11-27 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	827329
Manifest Row:	1
Haz Material Name:	RQ WASTE FUEL AVIATION, TURBINE
Haz Class Number:	3
UN NA Number:	UN1863
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	827329
Manifest Row:	2
Haz Material Name:	RQ WASTE PAINT RELATED MATERIAL
Haz Class Number:	3
UN NA Number:	UN1263
Packing Group Number:	II
Container Qty:	2
Container Code:	DMML
Waste Qty:	60
Waste Units Code:	AD
Waste Code List:	D001,D005,D006,D035,F003,F005

Manifest ID:	821853
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	MND044176113
Transporter 2 AI ID:	3030
Transporter 2 AI Name:	Pioneer Tank Lines Inc
Transporter 2 Address:	12501 Hudson Rd
Transporter 2 City:	Afton
Transporter 2 State:	MN
Transporter 2 ZIP:	55001-9751

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

TSD ID:	KYD053348108
TSD AI ID:	37859
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	State Highway 146
TSD City:	New Castle
TSD State:	KY
TSD Zip:	40050
Gen Copy Recd Date:	7/26/2006 0:00:00
Fac Copy Recd Date:	2006-08-07 00:00:00
Gen Ship Date:	2006-07-21 00:00:00
Trans 1 Recd Date:	2006-07-21 00:00:00
Trans 2 Recd Date:	7/28/2006 0:00:00
Tsd Recd Date:	2006-08-03 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	821853
Manifest Row:	1
Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	821853
Manifest Row:	2
Haz Material Name:	WASTE SOLIDS CONTAINING FLAMMABLE LIQUID NOS (FUEL, AVIATION, TURBINE EN
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Waste Code List: D001,D018

Manifest ID: 790322
Generator ID: MN0000190652
Generator AI ID: 25826
Transporter 1 ID: TXR000050930
Transporter 1 AI ID: 93149
Transporter 1 AI Name: Safety Kleen Systems Inc
Transporter 1 Address: 5400 Legacy Dr
Transporter 1 City: Plano
Transporter 1 State: TX
Transporter 1 ZIP: 75024
Transporter 2 ID: MND044176113
Transporter 2 AI ID: 3030
Transporter 2 AI Name: Pioneer Tank Lines Inc
Transporter 2 Address: 12501 Hudson Rd
Transporter 2 City: Afton
Transporter 2 State: MN
Transporter 2 ZIP: 55001-9751
TSD ID: KYD053348108
TSD AI ID: 37859
TSD AI Name: Safety Kleen Envirosystems Inc
TSD Address: State Highway 146
TSD City: New Castle
TSD State: KY
TSD Zip: 40050
Gen Copy Recd Date: 8/29/2005 0:00:00
Fac Copy Recd Date: 2005-09-06 00:00:00
Gen Ship Date: 2005-08-22 00:00:00
Trans 1 Recd Date: 2005-08-22 00:00:00
Trans 2 Recd Date: 8/25/2005 0:00:00
Tsd Recd Date: 2005-08-30 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 25826
Generator ID: MN0000190652
Generator AI Name: Signature Flight Support BBA
Generator Contact: Jason Reed
Contact Address: 515 Eaton St
Contact City: Saint Paul
Contact State: MN
Contact Zip: 55107
Contact Email: Not reported
Contact Phone: 651-209-2705

NAIC:
Generator AI ID: 25826
Generator ID: MN0000190652
Generator AI Name: Signature Flight Support BBA
NAIC Code: 481219
NAIC Desc: 481219 - Other Nonscheduled Air Transportation

Detail:
Manifest ID: 790322
Manifest Row: 1

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	790322
Manifest Row:	2
Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	Not reported
UN NA Number:	Not reported
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMPF
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	822207
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	MND044176113
Transporter 2 AI ID:	3030
Transporter 2 AI Name:	Pioneer Tank Lines Inc
Transporter 2 Address:	12501 Hudson Rd
Transporter 2 City:	Afton
Transporter 2 State:	MN
Transporter 2 ZIP:	55001-9751
TSD ID:	KYD053348108
TSD AI ID:	37859
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	State Highway 146
TSD City:	New Castle
TSD State:	KY
TSD Zip:	40050
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2006-11-27 00:00:00
Gen Ship Date:	2006-11-07 00:00:00
Trans 1 Recd Date:	2006-11-07 00:00:00
Trans 2 Recd Date:	11/9/2006 0:00:00
Tsd Recd Date:	2006-11-16 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	822207
Manifest Row:	1
Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	830025
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	MND044176113
Transporter 2 AI ID:	3030
Transporter 2 AI Name:	Pioneer Tank Lines Inc
Transporter 2 Address:	12501 Hudson Rd
Transporter 2 City:	Afton
Transporter 2 State:	MN
Transporter 2 ZIP:	55001-9751
TSD ID:	KYD053348108
TSD AI ID:	37859
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	State Highway 146
TSD City:	New Castle
TSD State:	KY
TSD Zip:	40050
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2007-09-04 00:00:00

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Gen Ship Date:	2007-08-23 00:00:00
Trans 1 Recd Date:	2007-08-23 00:00:00
Trans 2 Recd Date:	8/27/2007 0:00:00
Tsd Recd Date:	2007-08-29 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	830025
Manifest Row:	1
Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	2
Container Code:	DMML
Waste Qty:	110
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	839229
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	TXR000050930
Transporter 1 AI ID:	93149
Transporter 1 AI Name:	Safety Kleen Systems Inc
Transporter 1 Address:	5400 Legacy Dr
Transporter 1 City:	Plano
Transporter 1 State:	TX
Transporter 1 ZIP:	75024
Transporter 2 ID:	MND044176113
Transporter 2 AI ID:	3030
Transporter 2 AI Name:	Pioneer Tank Lines Inc
Transporter 2 Address:	12501 Hudson Rd
Transporter 2 City:	Afton
Transporter 2 State:	MN
Transporter 2 ZIP:	55001-9751
TSD ID:	KYD053348108

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

TSD AI ID:	37859
TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	State Highway 146
TSD City:	New Castle
TSD State:	KY
TSD Zip:	40050
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2007-05-15 00:00:00
Gen Ship Date:	2007-04-26 00:00:00
Trans 1 Recd Date:	2007-04-26 00:00:00
Trans 2 Recd Date:	5/2/2007 0:00:00
Tsd Recd Date:	2007-05-08 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	839229
Manifest Row:	1
Haz Material Name:	RQ WASTE FUEL OIL
Haz Class Number:	3
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	30878
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	7/26/1995 0:00:00
Fac Copy Recd Date:	1995-07-24 00:00:00
Gen Ship Date:	1995-07-20 00:00:00
Trans 1 Recd Date:	1995-07-20 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1995-07-20 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	30878
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	10
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	30879
Generator ID:	MN0000190652

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Generator AI ID:	25826
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	9/15/1997 0:00:00
Fac Copy Recd Date:	1997-09-16 00:00:00
Gen Ship Date:	1997-09-11 00:00:00
Trans 1 Recd Date:	1997-09-11 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-09-11 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

Detail:

Manifest ID:	30879
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Container Code:	DMML
Waste Qty:	10
Waste Units Code:	AD
Waste Code List:	D039
Manifest ID:	30880
Generator ID:	MN0000190652
Generator AI ID:	25826
Transporter 1 ID:	MND132349440
Transporter 1 AI ID:	8069
Transporter 1 AI Name:	Mells Trucking & Solvent Inc
Transporter 1 Address:	911 Southbend Ave
Transporter 1 City:	Mankato
Transporter 1 State:	MN
Transporter 1 ZIP:	56001
Transporter 2 ID:	MND980990667
Transporter 2 AI ID:	37566
Transporter 2 AI Name:	Larsen Oil Co Inc
Transporter 2 Address:	311 Fowler St
Transporter 2 City:	Faribault
Transporter 2 State:	MN
Transporter 2 ZIP:	55021-6202
TSD ID:	WID990829475
TSD AI ID:	45144
TSD AI Name:	WRR Environmental Services Co Inc
TSD Address:	5200 State Road 93
TSD City:	Eau Claire
TSD State:	WI
TSD Zip:	54701-9678
Gen Copy Recd Date:	12/15/1994 0:00:00
Fac Copy Recd Date:	1994-12-22 00:00:00
Gen Ship Date:	1994-12-08 00:00:00
Trans 1 Recd Date:	1994-12-08 00:00:00
Trans 2 Recd Date:	12/14/1994 0:00:00
Tsd Recd Date:	1994-12-19 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
Generator Contact:	Jason Reed
Contact Address:	515 Eaton St
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55107
Contact Email:	Not reported
Contact Phone:	651-209-2705

NAIC:

Generator AI ID:	25826
Generator ID:	MN0000190652
Generator AI Name:	Signature Flight Support BBA
NAIC Code:	481219
NAIC Desc:	481219 - Other Nonscheduled Air Transportation

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Detail:

Manifest ID:	30880
Manifest Row:	1
Haz Material Name:	WASTE PAINT RELATED MATERIAL
Haz Class Number:	Not reported
UN NA Number:	UN1263
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	TKTT
Waste Qty:	375
Waste Units Code:	IB
Waste Code List:	F005

Click this hyperlink while viewing on your computer to access
47 additional MN MANIFEST: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.933255199999998
Longitude:	-93.0727957
Item ID:	25826-AISI0000025826
AI ID:	25826
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	25826
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location

SIGNATURE FLIGHT SUPPORT BBA (Continued) **S119127299**

Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21072
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MN0000190652
MPCA List:	MN0000190652
Program List:	Hazardous Waste
Classification:	Other Nonscheduled Air Transportation
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=25826

AO205 **REGENT AVIATION** **MN BROWNFIELDS S119124597**
SSE **SEE LOCATION DESCRIPTION** **MN WIMN N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.455 mi.
2404 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
700 ft.

BROWNFIELDS:

Site ID:	VP14100
Leak Num:	Not reported
Owner Name:	Regent Aviation Inc
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	191181-AREA0000000001
AI ID:	191181
AI Name:	Regent Aviation
Site type:	Brownfield Site
Hydro:	Rick Jolley (former)
Project Manager:	Gerald Stahnke (no longer at MPCA)
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191181
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/23/2001
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/22/2001
Owner Address:	515 Eaton Street
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Latitude:	44.93231201
Longitude:	-93.06261444

WIMN:

Status:	Y
Latitude:	44.932311339999998
Longitude:	-93.062614030000006

REGENT AVIATION (Continued) **S119124597**

Item ID:	191181-AISI0000191181
AI ID:	191181
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	191181
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	2822208
PLS Township:	28
Range:	22
Range Direction:	W
Section:	8
Quarters:	Not reported
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50647181
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP14100
MPCA List:	VP14100
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=191181

AO206 **REGENT AVIATION** **MN LS** **S104992103**
SSE **SEE LOCATION DESCRIPTION** **N/A**
1/4-1/2 **ST. PAUL, MN 55107**
0.455 mi.
2404 ft. **Site 2 of 2 in cluster AO**

Relative:
Higher

Actual:
700 ft.

MN LS:

Link ID:	5443
EPA ID:	Not reported
MPCA ID:	VP14100
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

AL207 **AMERICAN DRIVE AXLE** **MN WIMN** **S110179781**
West **145 STATE ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.456 mi.
2406 ft. **Site 2 of 3 in cluster AL**

Relative:
Higher

Actual:
707 ft.

WIMN:

Status:	N
Latitude:	44.941536200000002
Longitude:	-93.079389000000006
Item ID:	29033-AISI0000029033
AI ID:	29033
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	29033
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported

AMERICAN DRIVE AXLE (Continued) **S110179781**

Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	07/27/1999
The Delta Spatial ID:	22876
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985743210
MPCA List:	MND985743210
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=29033

WIMN:

Legislative District:	65B
Latitude:	44.9415324
Longitude:	-93.07928796
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985743210
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=30590
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AM208 **UNITED POSTAL SERVICES-VMF** **MN VIC** **S103207700**
WSW **314 S EVA ST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.458 mi. **MN LS**
2419 ft. **Site 3 of 5 in cluster AM** **MN WIMN**

Relative:
Lower

Actual:
695 ft.

VIC:

Facility ID:	VP3610
Facility Type:	Brownfield Site
Item ID:	185-AREA0000000002
AI ID:	185
AI Name:	US Postal Service - St Paul Vehicle Main
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.93645096
Longitude:	-93.07879639
Coord Collection Method:	Digitized-DRG
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185
Leak Discovered:	Not reported

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Leak Reported:	Not reported
Application / Notification Received:	03/15/1993
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/29/1997
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

Prior Aug 2016:

Facility ID:	VP3610
Facility Address 2:	Not reported
Core Program Interest ID:	335356
Link ID:	3422
Site Type:	Not reported
Active?:	False
Pay Complete:	False
MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	03/15/1993
Last Update Date:	07/25/2005
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	W

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	493782.96875
Utm North:	4975894
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP3610
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1993-03-15 00:00:00
Date End:	1997-01-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP3610
Event:	1
Additional Information:	None
Record Number:	1327

Date Started:	Not reported
Date End:	1994-08-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP3610
Event:	1
Additional Information:	None
Record Number:	1328

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-05 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16546

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

BROWNFIELDS:

Site ID:	VP3610
Leak Num:	Not reported
Owner Name:	Unknown
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	185-AREA0000000002
AI ID:	185
AI Name:	US Postal Service - St Paul Vehicle Main
Site type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/15/1993
Site Listed on PLP:	Not reported

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/29/1997
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Latitude:	44.93645096
Longitude:	-93.07879639

SRS:

Facility ID:	VP3610
Item ID:	185-AREA0000000002
AI ID:	185
AI Name:	US Postal Service - St Paul Vehicle Main
Facility Type:	Brownfield Site
Hydro:	Cathy Schultz (no longer at MPCA)
Project Manager:	Not reported
Latitude:	44.93645096
Longitude:	-93.07879639
Coord Collection Method:	Digitized-DRG
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	03/15/1993
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/29/1997
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	1
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19930001
Act Desc:	Brownfield Site
Status:	Closed

Prior Aug 2016:

Facility ID:	VP3610
Facility Adress 2:	Not reported
Core Program Interest ID:	335356
Link ID:	3422
Site Type:	Not reported
Active?:	False
Pay Complete:	False

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

MPCA Region:	Metro
Site Size:	1
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	False
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	VIC
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Unknown
Created Date:	03/15/1993
Last Update Date:	07/25/2005
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Alpha Sort:	Not reported
Legal District:	65B
Congressional District:	4
Public Land Survey Method:	M
Map Scale For PLS Locational Data:	A
Township:	Not reported
Range:	Not reported
PLS Township Suffix:	W
Section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Quad:	1293
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
Desc Of UTM Coord Pt:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Utm East:	493782.96875
Utm North:	4975894
Utm Zone:	15
Basin Code:	2
Major Watershed:	20
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported
PLS Qtr Section (160 Acres) 2:	Not reported
PLS Qtr-Qtr Section (40 Acres) 2:	Not reported
PLS Qtr-Qtr Section (10 Acres) 2:	Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Impact and Response Actions:

Facid:	VP3610
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2015-08-18 12:45:00
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SIte Event Log:

Date Started:	1993-03-15 00:00:00
Date End:	1997-01-29 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP3610
Event:	1
Additional Information:	None
Record Number:	1327

Date Started:	Not reported
Date End:	1994-08-01 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	Not reported
Facid:	VP3610
Event:	1
Additional Information:	None
Record Number:	1328

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-05-05 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16546

Contact Type:	1

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1999-01-29 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	16542

MN LS:

Link ID:	3422
EPA ID:	Not reported
MPCA ID:	VP3610
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	VIC

WIMN:

Status:	Y
Latitude:	44.936451259999998
Longitude:	-93.078793970000007
Item ID:	196555-AISI0000196555
AI ID:	196555
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	196555
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B

UNITED POSTAL SERVICES-VMF (Continued) **S103207700**

Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205cd
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	cd
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/26/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50646072
Activity:	Brownfields, Voluntary Investigation and Cleanup
Activity List:	Brownfields, Voluntary Investigation and Cleanup
MPCA ID:	VP3610
MPCA List:	VP3610
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=196555

WIMN:

Legislative District:	65B
Latitude:	44.93645096
Longitude:	-93.07879638
Activity:	Voluntary Investigation & Cleanup (VIC)
MPCA ID:	VP3610
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=171626
Coordinate Collection Method:	Digitized-DRG
Status:	Inactive

AP209 **MNDOT PARCEL 5 DEMO** **MN WIMN** **S110437012**
NW **339 FILLMORE ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.459 mi.
2425 ft. **Site 1 of 3 in cluster AP**

Relative:
Higher

Actual:
736 ft.

WIMN:

Status:	N
Latitude:	44.943961299999998
Longitude:	-93.077133599999996
Item ID:	92527-AISI0000092527

MNDOT PARCEL 5 DEMO (Continued) **S110437012**

AI ID:	92527
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	92527
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	01/08/2010
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	02/24/2010
The Delta Spatial ID:	57421216
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNS000151662
MPCA List:	MNS000151662
Program List:	Hazardous Waste
Classification:	Regulation and Administration of Transportation Programs
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=92527

WIMN:

Legislative District:	65B
Latitude:	44.94396132
Longitude:	-93.07713361
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNS000151662
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=57421215

MNDOT PARCEL 5 DEMO (Continued) **S110437012**

Coordinate Collection Method: Address Matching House Number
Status: Inactive

AP210 **RTC INC - ST PAUL** **MN SPILLS** **1000866971**
NW **343 FILLMORE AVE E** **MN Financial Assurance** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN WIMN**
0.463 mi.
2442 ft. **Site 2 of 3 in cluster AP**

Relative:
Higher

Actual:
737 ft.

SPILLS:

Program ID:	54673975
Preferred ID:	73383
Incident ID:	73383
edr_fcity:	ST. PAUL
Incident Date:	7/18/2008
Program:	Emergency Management
Incident Types:	Transformer
Duty Officer Number:	97563
Lead Investigator:	Jason Moran
Incident Status:	Closed or Completed
Closure Type:	Response/Action Completed
AI ID source:	Not reported
Source name:	Xcel Energy -
Source Address:	414 Nicollet Mall
Source City:	Minneapolis
Source State:	MN
Source ZIP:	554010
Substance:	Mineral Oil
Quantity:	7
Units:	gallons
Latitude:	Not reported
Longitude:	Not reported
Source CM:	Not reported

SPILLS:

Program ID:	54673975
Facility Address 2:	Not reported
Spill Date:	07/18/2008

SPILLS:

Program ID:	54673975
Spill Inc Affected ID:	198940
Spill Inc Affected Code:	6
Tmsp Added:	07/21/2008 08:55:36
Tmsp Last Updated:	07/21/2008 08:55:36
Staff ID Last Update:	JMORAN

SPILLS:

Program ID:	54673975
Spill Incident Accuracy ID:	198940
Spill Product Code:	13
Spill Qty Units:	5
Spill Incident Accuracy:	1
Spill Released Qty:	7
Tmsp Added:	07/21/2008 08:55:36
Tmsp Last Update:	07/21/2008 08:55:36

RTC INC - ST PAUL (Continued) **1000866971**

Staff ID Last Update: JMORAN

MN Financial Assurance 1:

PROGRAM ID:	54673975
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	231969
Interest Telephone:	Not reported
Preferred ID:	73383
Interest Start Date:	07/21/2008
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/21/2008
TMSP Last Update:	07/21/2008 08:55:36
Staff ID Last Update:	JMORAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	500 kva padmount (200 gallon capacity) failed and caught on fire; FD was onscene and put out the fire, no sheen reported as entering storm sewer. Suspect most of the oil burned up in the fire. Sampling and cleanup will take place tonight.

WIMN:

Status:	N
Latitude:	44.943897499999999
Longitude:	-93.075881300000006
Item ID:	37692-AISI0000037692
AI ID:	37692
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	37692
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported

RTC INC - ST PAUL (Continued) **1000866971**

MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	11/09/2009
The Delta Spatial ID:	45077
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MN0000065052
MPCA List:	MN0000065052
Program List:	Hazardous Waste
Classification:	All Other Plastics Product Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37692

AM211 **U.S. POSTAL SERVICE** **MN LUST** **S106548213**
WSW **285 S EVA ST** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN Financial Assurance**
0.471 mi. **MN WIMN**
2486 ft. **Site 4 of 5 in cluster AM**

Relative: **Lower**
Actual: **697 ft.**

LUST:

Item ID:	187744-AREA0000000001
MNPCA ID:	Not reported
AI ID:	187744
AI Name:	U.s. Postal Service
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	John Moeger (no longer at MPCA)
Latitude:	44.93694132
Longitude:	-93.07930392
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187744
Leak Discovered:	9/5/1991
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	10/13/1992
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported

U.S. POSTAL SERVICE (Continued) **S106548213**

Owner ZIP: Not reported
SI Type: Not reported
Leak Reported: 9/5/1991

SRS:
Facility ID: LS0004482
Item ID: 185-AREA0000000003
AI ID: 185
AI Name: US Postal Service - St Paul Vehicle Main
Facility Type: Leak Site
Hydro: Not reported
Project Manager: John Moeger (no longer at MPCA)
Latitude: 44.93694132
Longitude: -93.07930392
Coord Collection Method: Address Matching House Number
Migrated: Not reported
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=185
Leak Discovered: 09/05/1991
Leak Reported: 09/05/1991
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 10/13/1992
Owner: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner ZIP: Not reported
Acreage: Not reported
BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW19910001
Act Desc: Leak Site Investigation
Status: Closed

MN Financial Assurance 1:
PROGRAM ID: 217190
Township Name: White Bear
Region: 1
Interest Type: Leak Site
ADDR ID: 264244
Interest Telephone: NO CORE PI PH.
Preferred ID: 4482
Interest Start Date: 08/14/1995
Interest End Date: 11/14/2006
Activity Flag: N
TMSP Added: 11/14/2006
TMSP Last Update: 11/10/2014 08:17:06
Staff ID Last Update: RGAGLE

U.S. POSTAL SERVICE (Continued) **S106548213**

Source:	CORE
Source ID:	242026
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported
PROGRAM ID:	217190
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	264244
Interest Telephone:	Not reported
Preferred ID:	4482
Interest Start Date:	08/14/1995
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	11/14/2006 08:34:26
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	217190
Lat/Long ID:	3690
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	18.1071
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	47.3797
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:07
TMSP Last Update:	08/03/2004 12:34:07
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	TALES
Site ID:	242026
Spatial ID:	51743129
Program Id:	217190
Lat/Long ID:	130413
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	18.09
Longitude Degrees:	-93

U.S. POSTAL SERVICE (Continued) **S106548213**

Longitude Minutes:	4
Longitude Seconds:	47.37
Collection Date:	03/29/2010 19:07:34
Lat/Long Description:	Not reported
TMSP Added:	11/14/2006 08:34:35
TMSP Last Update:	03/29/2010 19:32:32
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	242026
Spatial ID:	51743129

Staff Name:

Program Id:	217190
Staff Sequence ID:	1459
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:03:58
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	3340

Program Id:	217190
Staff Sequence ID:	16633
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:13
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3348

WIMN:

Status:	Y
Latitude:	44.938359300000002
Longitude:	-93.079826299999993
Item ID:	187744-AISI0000187744
AI ID:	187744
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	187744
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported

U.S. POSTAL SERVICE (Continued) **S106548213**

Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/14/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51743128
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0004482
MPCA List:	LS0004482
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=187744

WIMN:

Legislative District:	65B
Latitude:	44.93693328
Longitude:	-93.07929618
Activity:	Leak Site
MPCA ID:	4482
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=242026
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AQ212 **ST. PAUL AIRPORT HOLMAN FIELD** **MN SRS** **S122370934**
East **644 BAYFIELD ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.471 mi.
2489 ft. **Site 1 of 6 in cluster AQ**

Relative: SRS:
Lower

Actual:
691 ft.

Facility ID:	LS0020402
Item ID:	149692-AREA0000000003
AI ID:	149692
AI Name:	MAC-STP Downtown Airport
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Allen Dotson
Latitude:	44.94222987
Longitude:	-93.06618077
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=149692
Leak Discovered:	06/08/2017
Leak Reported:	06/08/2017
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20170001
Act Desc:	Leak Site Investigation
Status:	Active / Existing

AQ213 **ST. PAUL DOWNTOWN AIRPORT** **MN SRS** **S122371000**
East **644 BAYFIELD ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.471 mi.
2489 ft. **Site 2 of 6 in cluster AQ**

Relative: SRS:
Lower

Actual:
691 ft.

Facility ID:	SA0002096
Item ID:	138060-AREA0000000001
AI ID:	138060
AI Name:	St. Paul Downtown Airport
Facility Type:	Site Assessment Site
Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.94222987
Longitude:	-93.06618077

ST. PAUL DOWNTOWN AIRPORT (Continued) **S122371000**

Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=138060
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/01/1987
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	08/19/1998
Owner:	Metropolitan Airports Commission
Owner Address:	644 Bayfield St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55107
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19980001
Act Desc:	Site Assessment Investigation
Status:	Closed

AQ214 **ST. PAUL DOWNTOWN AIRPORT** **MN SRS** **S122370915**
East **644 BAYFIELD ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.471 mi.
2489 ft. **Site 3 of 6 in cluster AQ**

Relative: **Lower**
Actual: **691 ft.**

SRS:

Facility ID:	LS0014053
Item ID:	149692-AREA0000000001
AI ID:	149692
AI Name:	MAC-STP Downtown Airport
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Jim McCann (former)
Latitude:	44.93259076
Longitude:	-93.06474072
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=149692
Leak Discovered:	04/03/2001
Leak Reported:	04/03/2001
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	07/11/2001
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported

ST. PAUL DOWNTOWN AIRPORT (Continued) **S122370915**

Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20010002
Act Desc:	Leak Site Investigation
Status:	Closed

AQ215 **RC AVIONICS** **MN SRS** **S122370916**
East **644 BAYFIELD ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.471 mi.
2489 ft. **Site 4 of 6 in cluster AQ**

Relative: SRS:
Lower

Actual:
691 ft.

Facility ID:	LS0014054
Item ID:	149692-AREA0000000002
AI ID:	149692
AI Name:	MAC-STP Downtown Airport
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Jim McCann (former)
Latitude:	44.93259076
Longitude:	-93.06474072
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=149692
Leak Discovered:	09/16/1998
Leak Reported:	04/03/2001
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	01/23/2002
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20010001
Act Desc:	Leak Site Investigation
Status:	Closed

AM216 **FORMER BULK FACILITY/CODY LLP PROPERTY** **MN LUST** **S110237104**
WSW **291 EVA ST** **MN SRS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN Financial Assurance**
0.472 mi. **MN VAPOR**
2493 ft. **Site 5 of 5 in cluster AM** **MN WIMN**

Relative:
Lower

Actual:
695 ft.

LUST:

Item ID:	192219-AREA0000000001
MNPCA ID:	Not reported
AI ID:	192219
AI Name:	Former Bulk Facility/Cody LLP Property
Site Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Mark Koplitz (former)
Latitude:	44.93665882
Longitude:	-93.0795405
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192219
Leak Discovered:	5/3/2011
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	6/8/2011
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	5/16/2011

SRS:

Facility ID:	LS0018399
Item ID:	192219-AREA0000000001
AI ID:	192219
AI Name:	Former Bulk Facility/Cody LLP Property
Facility Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Mark Koplitz (former)
Latitude:	44.93665882
Longitude:	-93.0795405
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192219
Leak Discovered:	05/03/2011
Leak Reported:	05/16/2011
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/08/2011
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported

FORMER BULK FACILITY/CODY LLP PROPERTY (Continued) **S110237104**

Owner ZIP:	Not reported
Acreage:	2.52
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20110001
Act Desc:	Leak Site Investigation
Status:	Closed

MN Financial Assurance 1:

PROGRAM ID:	60088282
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	74800
Interest Telephone:	NO CORE PI PH.
Preferred ID:	18399
Interest Start Date:	05/16/2011
Interest End Date:	06/27/2014
Activity Flag:	N
TMSP Added:	05/16/2011
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	60088273
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	60088282
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Main Site Building
TMSP Added:	05/17/2011 13:10:03
TMSP Last Update:	05/31/2011 10:23:33
Staff ID Last Update:	JKAEHLE
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	60088273
Spatial ID:	60088283

FORMER BULK FACILITY/CODY LLP PROPERTY (Continued) **S110237104**

Program Id:	60088282
Lat/Long ID:	194490
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	11.93
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	46.55
Collection Date:	05/31/2011 10:21:50
Lat/Long Description:	Not reported
TMSP Added:	05/16/2011 18:17:37
TMSP Last Update:	05/31/2011 10:21:53
Staff ID Last Update:	MAPTOOL
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	DM
Map Scale Code:	Not reported
Source:	CORE
Site ID:	60088273
Spatial ID:	60088283

Staff Name:

Program Id:	60088282
Staff Sequence ID:	141390
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	05/24/2011 12:21:26
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	1612

Program Id:	60088282
Staff Sequence ID:	141040
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	05/16/2011 15:54:43
TMSP Last Update:	01/20/2012 10:39:38
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3311

VAPOR:

Site ID:	LS0018399
Delta Site ID:	192219
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192219
AI Name:	Former Bulk Facility/Cody LLP Property
Vapor Concern at Site:	Other sites that have had vapor concerns
Item ID:	192219-AREA0000000001

FORMER BULK FACILITY/CODY LLP PROPERTY (Continued) **S110237104**

Site Type:	Leak Site
Method Desc:	Digitized - MPCA internal mapping application
Latitude:	44.93665882
Longitude:	-93.0795405

WIMN:

Status:	N
Latitude:	44.936655600000002
Longitude:	-93.0795897
Item ID:	37393-AISI0000037393
AI ID:	37393
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	37393
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	10/14/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	08/01/2011
The Delta Spatial ID:	47904
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND982615478
MPCA List:	MND982615478
Program List:	Hazardous Waste

FORMER BULK FACILITY/CODY LLP PROPERTY (Continued) **S110237104**

Classification: Roofing Contractors
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37393

WIMN:
Legislative District: 65B
Latitude: 44.93665560
Longitude: -93.07958978
Activity: Hazardous Waste, Small to Minimal QG
MPCA ID: MND982615478
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=63970
Coordinate Collection Method: Digitized - Map Tool
Status: Inactive

Legislative District: 65B
Latitude: 44.93664923
Longitude: -93.07959873
Activity: Leak Site
MPCA ID: 18399
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=60088273
Coordinate Collection Method: Digitized - Map Tool
Status: Inactive

Status: Y
Latitude: 44.936649199999998
Longitude: -93.079598700000005
Item ID: 192219-AISI0000192219
AI ID: 192219
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 192219
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Investigation and Cleanup
Program List: SR
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4
House District: 65B
Senate District: 65
USGS 8-digits: 07010206
USGS 8-digits Name: Mississippi River - Twin Cities
USGS 10-digits: 701020608
USGS 12-digits: 70102060805
USGS 12-digits Name: Harriet Island-Mississippi River
MDH Drinking Water Management Code: Not reported
MDH Drinking Water Management Name: Not reported
Location Description: Not reported
Township, Range, Direction, Section QQ: Not reported
PLS Township: Not reported
Range: Not reported
Range Direction: Not reported
Section: Not reported

FORMER BULK FACILITY/CODY LLP PROPERTY (Continued) **S110237104**

Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	05/16/2011
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	60088274
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0018399
MPCA List:	LS0018399
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=192219

WIMN:

Legislative District:	65B
Latitude:	44.93665560
Longitude:	-93.07958978
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND982615478
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=63970
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

Legislative District:	65B
Latitude:	44.93664923
Longitude:	-93.07959873
Activity:	Leak Site
MPCA ID:	18399
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=60088273
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

AL217 **MODERNISTIC INDUSTRIAL** **RCRA-CESQG** **1004739112**
WNW **139 STATE ST** **MN WIMN** **MNR000078261**
1/4-1/2 **ST. PAUL, MN 55107**
0.473 mi.
2496 ft. **Site 3 of 3 in cluster AL**

Relative:
Higher

Actual:
710 ft.

RCRA-CESQG:

Date form received by agency:	06/24/2002
Facility name:	MODERNISTIC INDUSTRIAL
Facility address:	139 STATE ST ST. PAUL, MN 55107-1410
EPA ID:	MNR000078261
Contact:	JERRY PUHL
Contact address:	139 STATE ST ST. PAUL, MN 55107-1410

MODERNISTIC INDUSTRIAL (Continued) **1004739112**

Contact country: US
Contact telephone: 651-310-1381
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: RIVERVIEW REALTY PARTNERS
Owner/operator address: 3610 COUNTY ROAD 101
WAYZATA, MN 55391
Owner/operator country: US
Owner/operator telephone: 651-310-1381
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/24/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

MODERNISTIC INDUSTRIAL (Continued) **1004739112**

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

Historical Generators:
Date form received by agency: 06/24/2002
Site name: MODERNISTIC INDUSTRIAL
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

WIMN:

Status:	Y
Latitude:	44.941772
Longitude:	-93.079538400000004
Item ID:	34875-AISI0000034875
AI ID:	34875
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	34875
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N

MODERNISTIC INDUSTRIAL (Continued) **1004739112**

Collection Date:	09/27/2015
Timestamp of Creation:	04/24/2000
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51080
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MNR000078261
MPCA List:	MNR000078261
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=34875

WIMN:

Legislative District:	65B
Latitude:	44.94175881
Longitude:	-93.07940756
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000078261
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=70809
Coordinate Collection Method:	Address Matching House Number
Status:	Active

AR218 **WALMAN OPTICAL CO INC/SODERBERG OPTICAL** **MN WIMN** **S110239159**
WSW **230 EVA ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.475 mi.
2510 ft. **Site 1 of 2 in cluster AR**

Relative:
Higher

Actual:
700 ft.

WIMN:

Status:	Y
Latitude:	44.9381208
Longitude:	-93.079377699999995
Item ID:	29144-AISI0000029144
AI ID:	29144
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	29144
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805

WALMAN OPTICAL CO INC/SODERBERG OPTICAL (Continued) **S110239159**

USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	20937
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	MND006158307; MNRNE36GT
Program List:	Hazardous Waste; Stormwater
Classification:	Ophthalmic Goods Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=29144

WIMN:

Legislative District:	65B
Latitude:	44.93818956
Longitude:	-93.07980972
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32596
Coordinate Collection Method:	Address Matching House Number
Status:	Active

AN219 **DWIGHT MANAGEMENT** **RCRA-CESQG** **1004737889**
SSE **605 EATON ST** **FINDS** **MNR000057190**
1/4-1/2 **ST. PAUL, MN 55107** **ECHO**
0.477 mi. **MN WIMN**
2517 ft. **Site 2 of 2 in cluster AN**

Relative:
Higher

Actual:
700 ft.

RCRA-CESQG:

Date form received by agency:	12/12/1997
Facility name:	DWIGHT MANAGEMENT
Facility address:	605 EATON ST ST. PAUL, MN 55107
EPA ID:	MNR000057190
Contact:	TODD SHANNON
Contact address:	605 EATON ST ST. PAUL, MN 55107
Contact country:	US

DWIGHT MANAGEMENT (Continued) **1004737889**

Contact telephone: 651-224-9339
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: DWIGHT MANAGEMENT
Owner/operator address: 605 EATON ST
ST. PAUL, MN 55107
Owner/operator country: US
Owner/operator telephone: 651-224-9339
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE

DWIGHT MANAGEMENT (Continued) **1004737889**

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110003917539

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004737889
Registry ID:	110003917539
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003917539

WIMN:

Status:	N
Latitude:	44.932827500000002
Longitude:	-93.071692100000007
Item ID:	27602-AISI0000027602
AI ID:	27602
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	27602
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported

DWIGHT MANAGEMENT (Continued) **1004737889**

MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	03/21/2013
The Delta Spatial ID:	22355
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNR000057190
MPCA List:	MNR000057190
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=27602

WIMN:

Legislative District:	65B
Latitude:	44.93160590
Longitude:	-93.06660370
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000057190
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=31140
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AQ220 **WINGS INC (ST PAUL DOWNTOWN AIRPORT)** **MN LUST** **U000881655**
East **670 BAYFIELD ST** **MN UST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.484 mi. **MN Financial Assurance**
2555 ft. **Site 5 of 6 in cluster AQ** **MN VAPOR**
MN WIMN

Relative:
Lower

Actual:
691 ft.

LUST:

Item ID:	96909-AREA0000000001
MNPCA ID:	Not reported
AI ID:	96909
AI Name:	Wings Inc (st Paul Downtown Airport)
Site Type:	Leak Site
Hydro:	Stephen Thompson (no longer at MPCA)
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94240271
Longitude:	-93.06193812
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=96909
Leak Discovered:	11/2/1993
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Mac/Wings Inc
Site Closed:	11/3/1997
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Underground Storage Tank System
Leak Reported:	11/2/1993

UST:

Item Compart ID:	96909-EQUI0000000001-1
AI ID:	96909
Tank Site ID:	TS0010284
Item ID:	96909-EQUI0000000001
SI Type:	Underground Storage Tank System
SI Design:	002
SI Description:	Not reported
Compartment Number:	1
Substance:	Aviation gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1900-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1993-11-10 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	12000
Longitude:	-93.06194575
Latitude:	44.94241074
Coord Collection Method:	Address Matching House Number
Owner:	Mac/Wings Inc
Owner Address:	Not reported
Owner City:	Not reported

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

Owner State: Not reported
Owner Zip: Not reported
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=96909-TS0010284&programInterest=TS

Item Compart ID: 96909-EQUI0000000002-1
AI ID: 96909
Tank Site ID: TS0010284
Item ID: 96909-EQUI0000000002
SI Type: Underground Storage Tank System
SI Design: 003
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1900-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1996-01-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 2000
Longitude: -93.06194575
Latitude: 44.94241074
Coord Collection Method: Address Matching House Number
Owner: Mac/Wings Inc
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=96909-TS0010284&programInterest=TS

Item Compart ID: 96909-EQUI0000000003-1
AI ID: 96909
Tank Site ID: TS0010284
Item ID: 96909-EQUI0000000003
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1900-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1993-11-10 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 12000
Longitude: -93.06194575
Latitude: 44.94241074
Coord Collection Method: Address Matching House Number
Owner: Mac/Wings Inc
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=96909-TS0010284&programInterest=TS

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

Item Compart ID:	96909-EQUI0000000004-1
AI ID:	96909
Tank Site ID:	TS0010284
Item ID:	96909-EQUI0000000004
SI Type:	Underground Storage Tank System
SI Design:	004
SI Description:	Not reported
Compartment Number:	1
Substance:	Aviation gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1900-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1996-01-01 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	2000
Longitude:	-93.06194575
Latitude:	44.94241074
Coord Collection Method:	Address Matching House Number
Owner:	Mac/Wings Inc
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=96909-TS0010284&programInterest=TS

SRS:

Facility ID:	LS0006985
Item ID:	96909-AREA0000000001
AI ID:	96909
AI Name:	Wings Inc (st Paul Downtown Airport)
Facility Type:	Leak Site
Hydro:	Stephen Thompson (no longer at MPCA)
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94240271
Longitude:	-93.06193812
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=96909
Leak Discovered:	11/02/1993
Leak Reported:	11/02/1993
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	11/03/1997
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19930001
Act Desc:	Leak Site Investigation
Status:	Closed

MN Financial Assurance 1:

PROGRAM ID:	199453
Township Name:	White Bear
Region:	1
Interest Type:	Tank site
ADDR ID:	198153
Interest Telephone:	NO CORE PI PH.
Preferred ID:	10284
Interest Start Date:	07/23/1992
Interest End Date:	08/28/2006
Activity Flag:	N
TMSP Added:	08/28/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	213487
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	199453
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	198153
Interest Telephone:	6512278981
Preferred ID:	10284
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	08/28/2006 09:11:40
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	219612
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	198153
Interest Telephone:	6512278981

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

Preferred ID:	6985
Interest Start Date:	10/24/1997
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	11/20/2006 07:19:56
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	219612
Township Name:	White Bear
Region:	1
Interest Type:	Leak Site
ADDR ID:	198153
Interest Telephone:	NO CORE PI PH.
Preferred ID:	6985
Interest Start Date:	10/24/1997
Interest End Date:	11/20/2006
Activity Flag:	N
TMSP Added:	11/20/2006
TMSP Last Update:	11/10/2014 08:17:06
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	213487
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	219612
Lat/Long ID:	5809
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.184
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	54.8178
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:09
TMSP Last Update:	08/03/2004 12:34:09
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	IU
Map Scale Code:	Not reported
Source:	TALES
Site ID:	213487
Spatial ID:	51817367

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

Program Id:	219612
Lat/Long ID:	152398
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	32.64
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	42.97
Collection Date:	03/22/2010 17:46:50
Lat/Long Description:	Not reported
TMSP Added:	03/22/2010 18:24:27
TMSP Last Update:	03/22/2010 18:24:27
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	213487
Spatial ID:	51817367

Staff Name:

Program Id:	219612
Staff Sequence ID:	3723
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:00
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	2733

Program Id:	219612
Staff Sequence ID:	28505
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:25
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	3422

Program Id:	219612
Staff Sequence ID:	18922
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:16
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 3296

Latitude Longitude:
Program Id: 199453
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Not reported
TMSP Added: 06/17/2010 13:54:30
TMSP Last Update: 06/17/2010 13:54:30
Staff ID Last Update: BPALMQU
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 213487
Spatial ID: 51369355

Program Id: 199453
Lat/Long ID: 152398
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 32.64
Longitude Degrees: -93
Longitude Minutes: 3
Longitude Seconds: 42.97
Collection Date: 03/22/2010 17:46:50
Lat/Long Description: Not reported
TMSP Added: 03/22/2010 18:24:27
TMSP Last Update: 03/22/2010 18:24:27
Staff ID Last Update: MAPT_NC
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: A1
Map Scale Code: Not reported
Source: CORE
Site ID: 213487
Spatial ID: 51369355

Tab Site:
Program Id: 199453
Facility Code: 37
Above or Under Code: 2
Indian Reservation: N
Ust Registration Date: 05/07/1986 00:00:00
Ast Registration Date: Not reported
TMSP Added: 07/23/1992 19:11:05

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

TMSP Last Update:	05/23/2003 09:21:02
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

VAPOR:

Site ID:	LS0006985
Delta Site ID:	96909
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=96909
AI Name:	Wings Inc (st Paul Downtown Airport)
Vapor Concern at Site:	Priority Leak Site
Item ID:	96909-AREA0000000001
Site Type:	Leak Site
Method Desc:	Address Matching House Number
Latitude:	44.94240271
Longitude:	-93.06193812

WIMN:

Status:	N
Latitude:	44.94241074
Longitude:	-93.061945750000007
Item ID:	96909-AISI0000096909
AI ID:	96909
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	96909
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number

WINGS INC (ST PAUL DOWNTOWN AIRPORT) (Continued) **U000881655**

Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	08/28/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	11/20/2006
The Delta Spatial ID:	51369354
Activity:	Multiple Activities
Activity List:	Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0006985; TS0010284
Program List:	Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=96909

WIMN:

Legislative District:	65B
Latitude:	44.94240271
Longitude:	-93.06193811
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=213487
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

221
SW
1/4-1/2
0.486 mi.
2567 ft.

PHOENIX RESIDENCE INC
135 E COLORADO ST
SAINT PAUL, MN 55107

MN UST **U000886062**
MN SPILLS **N/A**
MN Financial Assurance
MN WIMN

Relative:
Higher

Actual:
738 ft.

UST:

Item Compart ID:	115523-EQUI0000000001-1
AI ID:	115523
Tank Site ID:	TS0003851
Item ID:	115523-EQUI0000000001
SI Type:	Underground Storage Tank System
SI Design:	001
SI Description:	Not reported
Compartment Number:	1
Substance:	Fuel Oil
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1977-07-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1990-09-04 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	4000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	Phoenix Residence Inc

PHOENIX RESIDENCE INC (Continued) **U000886062**

Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=115523-TS0003851&programInterest=TS

SPILLS:
Program ID: 226921
Preferred ID: 51789
Incident ID: 51789
edr_fcity: ST. PAUL
Incident Date: 4/17/2000
Program: Emergency Management
Incident Types: Transportation Accident - Railroad
Duty Officer Number: Not reported
Lead Investigator: Dan Hannan
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: UNION PACIFIC RAILROAD
Source Address: 1416 Dodge St
Source City: Omaha
Source State: NE
Source ZIP: 68179
Substance: Unknown
Quantity: 0
Units: unknown
Latitude: Not reported
Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 226921
Facility Address 2: Not reported
Spill Date: 04/17/2000

SPILLS:
Program ID: 226921
Spill Inc Affected ID: 145276
Spill Inc Affected Code: 6
Tmsp Added: 04/20/2000 09:19:25
Tmsp Last Updated: 05/04/2002 09:49:23
Staff ID Last Update: TANKS

SPILLS:
Program ID: 226921
Spill Incident Accuracy ID: 145277
Spill Product Code: 37
Spill Qty Units: 15
Spill Incident Accuracy: 3
Spill Released Qty: 0
Tmsp Added: 04/20/2000 09:19:25
Tmsp Last Update: 05/04/2002 09:49:23
Staff ID Last Update: TANKS

PHOENIX RESIDENCE INC (Continued) **U000886062**

MN Financial Assurance 1:

PROGRAM ID:	193298
Township Name:	White Bear
Region:	1
Interest Type:	Tank site
ADDR ID:	180154
Interest Telephone:	NO CORE PI PH.
Preferred ID:	3851
Interest Start Date:	07/23/1992
Interest End Date:	08/29/2006
Activity Flag:	N
TMSP Added:	08/29/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	216522
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	193298
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	180154
Interest Telephone:	6512277655
Preferred ID:	3851
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	08/29/2006 07:46:18
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	226921
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	180154
Interest Telephone:	Not reported
Preferred ID:	51789
Interest Start Date:	04/20/2000
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	04/20/2000
TMSP Last Update:	05/04/2002 09:49:23
Staff ID Last Update:	TANKS
Source:	TALES

PHOENIX RESIDENCE INC (Continued) **U000886062**

Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Material spilled between RR tracks; calling regarding identification of material.

Latitude Longitude:

Program Id:	193298
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	04/05/2013 14:21:10
TMSP Last Update:	04/05/2013 14:21:10
Staff ID Last Update:	CMATTIS
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	216522
Spatial ID:	51376392

Program Id:	193298
Lat/Long ID:	171212
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	5.39
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	45.87
Collection Date:	03/29/2010 17:52:58
Lat/Long Description:	Not reported
TMSP Added:	03/29/2010 19:03:09
TMSP Last Update:	03/29/2010 19:03:09
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	216522
Spatial ID:	51376392

Tab Site:

Program Id:	193298
Facility Code:	17
Above or Under Code:	2
Indian Reservation:	N

PHOENIX RESIDENCE INC (Continued) **U000886062**

Ust Registration Date:	03/26/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:01
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

WIMN:

Status:	N
Latitude:	44.934832499999999
Longitude:	-93.079410499999994
Item ID:	115523-AISI0000115523
AI ID:	115523
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	115523
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Tanks
Program List:	TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/29/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	08/29/2006

PHOENIX RESIDENCE INC (Continued) **U000886062**

The Delta Spatial ID:	51376391
Activity:	Underground Tanks
Activity List:	Underground Tanks
MPCA ID:	TS0003851
MPCA List:	TS0003851
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=115523

WIMN:

Legislative District:	65B
Latitude:	44.93483253
Longitude:	-93.07941058
Activity:	Tank Site
MPCA ID:	3851
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=216522
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AQ222 **US ARMY RESERVE FLIGHT FACILITY** **MN WIMN** **S110237992**
East **680 BAYFIELD ST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.487 mi.
2572 ft. **Site 6 of 6 in cluster AQ**

Relative:
Lower

Actual:
691 ft.

WIMN:

Status:	Y
Latitude:	44.942137500000001
Longitude:	-93.066728499999996
Item ID:	23842-AISI0000023842
AI ID:	23842
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	23842
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported

US ARMY RESERVE FLIGHT FACILITY (Continued) **S110237992**

Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	20635
Activity:	Hazardous Waste, Minimal quantity generator
Activity List:	Hazardous Waste, Minimal quantity generator
MPCA ID:	MN9210590288
MPCA List:	MN9210590288
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=23842

WIMN:

Legislative District:	65B
Latitude:	44.94225525
Longitude:	-93.06154245
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MN9210590288
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32938
Coordinate Collection Method:	Address Matching House Number
Status:	Active

AS223 **3M AVIATION** **MN LUST** **1000160317**
East **690 BAYFIELD ST** **MN UST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.491 mi. **MN SPILLS**
2590 ft. **Site 1 of 3 in cluster AS** **MN Financial Assurance**
MN WIMN

Relative:
Lower

Actual:
691 ft.

LUST:

Item ID:	47002-AREA0000000001
MNPCA ID:	Not reported
AI ID:	47002
AI Name:	3M Aviation
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.9420557
Longitude:	-93.06114743
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=47002
Leak Discovered:	9/9/1991
Application / Notification Received:	Not reported

3M AVIATION (Continued) **1000160317**

Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Owner: 3M
Site Closed: 3/30/1992
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55133
SI Type: Underground Storage Tank System
Leak Reported: 9/10/1991

UST:
Item Compart ID: 47002-EQUI0000000001-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000001
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1960-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1960-01-01 00:00:00
Tank Status: Closed In-Place
Tanks Contractor: Not reported
Capacity Gallons: 8000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000002-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000002
SI Type: Underground Storage Tank System
SI Design: 011
SI Description: Not reported
Compartment Number: 1
Substance: Jet Fuel
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1998-01-05 00:00:00
Material: STI-P3
Status Change Date: 2015-08-05 00:00:00
Tank Status: Active
Tanks Contractor: Not reported

3M AVIATION (Continued) **1000160317**

Capacity Gallons: 10000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000003-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000003
SI Type: Underground Storage Tank System
SI Design: 004
SI Description: Not reported
Compartment Number: 1
Substance: Used or waste oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1960-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1988-07-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 10000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000004-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000004
SI Type: Underground Storage Tank System
SI Design: 007
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1975-01-01 00:00:00
Material: Other
Status Change Date: 1998-01-19 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 10000
Longitude: -93.07834692
Latitude: 44.93584475

3M AVIATION (Continued) **1000160317**

Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000005-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000005
SI Type: Underground Storage Tank System
SI Design: 012
SI Description: Not reported
Compartment Number: 1
Substance: Jet Fuel
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1998-01-05 00:00:00
Material: STI-P3
Status Change Date: 2015-08-05 00:00:00
Tank Status: Active
Tanks Contractor: Not reported
Capacity Gallons: 10000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000006-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000006
SI Type: Underground Storage Tank System
SI Design: 002
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1960-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1960-01-01 00:00:00
Tank Status: Closed In-Place
Tanks Contractor: Not reported
Capacity Gallons: 8000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331

3M AVIATION (Continued) **1000160317**

Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000007-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000007
SI Type: Underground Storage Tank System
SI Design: 009
SI Description: Not reported
Compartment Number: 1
Substance: Jet Fuel
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1998-01-05 00:00:00
Material: STI-P3
Status Change Date: 2015-08-05 00:00:00
Tank Status: Active
Tanks Contractor: Not reported
Capacity Gallons: 30000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000008-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000008
SI Type: Underground Storage Tank System
SI Design: 010
SI Description: Not reported
Compartment Number: 1
Substance: Jet Fuel
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1998-01-05 00:00:00
Material: STI-P3
Status Change Date: 2015-08-05 00:00:00
Tank Status: Active
Tanks Contractor: Not reported
Capacity Gallons: 30000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133

3M AVIATION (Continued) **1000160317**

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000009-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000009
SI Type: Underground Storage Tank System
SI Design: 005
SI Description: Not reported
Compartment Number: 1
Substance: Aviation gasoline
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1975-01-01 00:00:00
Material: Other
Status Change Date: 1998-01-19 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 30000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000010-1
AI ID: 47002
Tank Site ID: TS0004011
Item ID: 47002-EQUI0000000010
SI Type: Underground Storage Tank System
SI Design: 003
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1960-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1960-01-01 00:00:00
Tank Status: Closed In-Place
Tanks Contractor: Not reported
Capacity Gallons: 8000
Longitude: -93.07834692
Latitude: 44.93584475
Coord Collection Method: Public Land Survey-Two Quarter
Owner: 3M
Owner Address: PO Box 33331
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55133
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID: 47002-EQUI0000000011-1

3M AVIATION (Continued) **1000160317**

AI ID:	47002
Tank Site ID:	TS0004011
Item ID:	47002-EQUI0000000011
SI Type:	Underground Storage Tank System
SI Design:	008
SI Description:	Not reported
Compartment Number:	1
Substance:	Aviation gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1975-01-01 00:00:00
Material:	Other
Status Change Date:	1998-01-19 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	10000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	3M
Owner Address:	PO Box 33331
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55133
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

Item Compart ID:	47002-EQUI0000000012-1
AI ID:	47002
Tank Site ID:	TS0004011
Item ID:	47002-EQUI0000000012
SI Type:	Underground Storage Tank System
SI Design:	006
SI Description:	Not reported
Compartment Number:	1
Substance:	Aviation gasoline
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1975-01-01 00:00:00
Material:	Other
Status Change Date:	1998-01-19 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	30000
Longitude:	-93.07834692
Latitude:	44.93584475
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	3M
Owner Address:	PO Box 33331
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55133
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=47002-TS0004011&programInterest=TS

SRS:

Facility ID:	LS0004502
Item ID:	47002-AREA0000000001
AI ID:	47002

3M AVIATION (Continued) **1000160317**

AI Name:	3M Aviation
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	Ronald Schwartz (no longer at MPCA)
Latitude:	44.9420557
Longitude:	-93.06114743
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=47002
Leak Discovered:	09/09/1991
Leak Reported:	09/10/1991
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	03/30/1992
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19910001
Act Desc:	Leak Site Investigation
Status:	Closed

SPILLS:

Program ID:	54353224
Preferred ID:	72523
Incident ID:	72523
edr_fcity:	ST. PAUL
Incident Date:	4/15/2008
Program:	Emergency Management
Incident Types:	Spill or Release
Duty Officer Number:	95356
Lead Investigator:	Walter Haas
Incident Status:	Closed or Completed
Closure Type:	Response/Action Completed
AI ID source:	Not reported
Source name:	3M - St. Paul, Bldg. 42-2E-27
Source Address:	P.O. Box 3331, Bldg 42-2E-27
Source City:	St. Paul
Source State:	MN
Source ZIP:	55133
Substance:	Other
Quantity:	10
Units:	gallons
Latitude:	Not reported
Longitude:	Not reported

3M AVIATION (Continued) **1000160317**

Source CM: Not reported

SPILLS:
Program ID: 445997
Facility Address 2: Not reported
Spill Date: 09/20/2007

Program ID: 54353224
Facility Address 2: Not reported
Spill Date: 04/15/2008

Program ID: 54318428
Facility Address 2: Not reported
Spill Date: 04/04/2008

SPILLS:
Program ID: 54353224
Spill Inc Affected ID: 197014
Spill Inc Affected Code: 19
Tmsp Added: 04/18/2008 12:06:30
Tmsp Last Updated: 04/18/2008 12:06:30
Staff ID Last Update: WHAAS

SPILLS:
Program ID: 54353224
Spill Incident Accuracy ID: 197014
Spill Product Code: 21
Spill Qty Units: 5
Spill Incident Accuracy: 1
Spill Released Qty: 10
Tmsp Added: 04/18/2008 12:06:30
Tmsp Last Update: 04/18/2008 12:06:30
Staff ID Last Update: WHAAS

Program ID: 54318428
Preferred ID: 72381
Incident ID: 72381
edr_fcity: ST. PAUL
Incident Date: 4/4/2008
Program: Emergency Management
Incident Types: Transportation Accident - Semi/Cargo
Duty Officer Number: 95138
Lead Investigator: Jason Moran
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: 3M - St. Paul, Bush Ave
Source Address: 900 Bush Ave
Source City: St. Paul
Source State: MN
Source ZIP: 55106
Substance: Aviation Gas
Quantity: 10
Units: gallons
Latitude: Not reported
Longitude: Not reported

3M AVIATION (Continued) **1000160317**

Source CM: Not reported

SPILLS:
Program ID: 445997
Facility Address 2: Not reported
Spill Date: 09/20/2007

Program ID: 54353224
Facility Address 2: Not reported
Spill Date: 04/15/2008

Program ID: 54318428
Facility Address 2: Not reported
Spill Date: 04/04/2008

SPILLS:
Program ID: 54318428
Spill Inc Affected ID: 196773
Spill Inc Affected Code: 14
Tmsp Added: 04/07/2008 08:54:24
Tmsp Last Updated: 04/07/2008 08:54:24
Staff ID Last Update: JMORAN

SPILLS:
Program ID: 54318428
Spill Incident Accuracy ID: 196773
Spill Product Code: 24
Spill Qty Units: 5
Spill Incident Accuracy: 1
Spill Released Qty: 10
Tmsp Added: 04/07/2008 08:54:24
Tmsp Last Update: 04/07/2008 08:54:24
Staff ID Last Update: JMORAN

Program ID: 445997
Preferred ID: 70963
Incident ID: 70963
edr_fcity: ST. PAUL
Incident Date: 9/20/2007
Program: Emergency Management
Incident Types: Spill or Release
Duty Officer Number: 91731
Lead Investigator: Jim Stockinger
Incident Status: Closed or Completed
Closure Type: Response/Action Completed
AI ID source: Not reported
Source name: 3M - St. Paul, Bldg. 42-2E-27
Source Address: P.O. Box 3331, Bldg 42-2E-27
Source City: St. Paul
Source State: MN
Source ZIP: 55133
Substance: Other
Quantity: Not reported
Units: small amounts
Latitude: Not reported
Longitude: Not reported

3M AVIATION (Continued) **1000160317**

Source CM: Not reported

SPILLS:
Program ID: 445997
Facility Address 2: Not reported
Spill Date: 09/20/2007

Program ID: 54353224
Facility Address 2: Not reported
Spill Date: 04/15/2008

Program ID: 54318428
Facility Address 2: Not reported
Spill Date: 04/04/2008

SPILLS:
Program ID: 445997
Spill Inc Affected ID: 193478
Spill Inc Affected Code: 19
Tmsp Added: 09/24/2007 12:33:30
Tmsp Last Updated: 09/24/2007 12:33:30
Staff ID Last Update: JSTOCKI

SPILLS:
Program ID: 445997
Spill Incident Accuracy ID: 193478
Spill Product Code: 21
Spill Qty Units: 17
Spill Incident Accuracy: 1
Spill Released Qty: Not reported
Tmsp Added: 09/24/2007 12:33:30
Tmsp Last Update: 09/24/2007 12:33:30
Staff ID Last Update: JSTOCKI

MN Financial Assurance 1:
PROGRAM ID: 193451
Township Name: Not reported
Region: 1
Interest Type: Deleted Tank Site
ADDR ID: 264262
Interest Telephone: 6517785808
Preferred ID: 4011
Interest Start Date: 07/23/1992
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 07/23/1992
TMSP Last Update: 08/29/2006 07:46:22
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: Not reported

3M AVIATION (Continued) **1000160317**

PROGRAM ID: 193451
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 17568
Interest Telephone: NO CORE PI PH.
Preferred ID: 4011
Interest Start Date: 07/23/1992
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 08/29/2006
TMSP Last Update: 08/29/2006 07:46:22
Staff ID Last Update: RSUCHAN
Source: CORE
Source ID: 55669
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 217208
Township Name: Not reported
Region: 1
Interest Type: Leak Site
ADDR ID: 17568
Interest Telephone: NO CORE PI PH.
Preferred ID: 4502
Interest Start Date: 02/20/1992
Interest End Date: 11/14/2006
Activity Flag: N
TMSP Added: 11/14/2006
TMSP Last Update: 11/10/2014 08:17:06
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 55669
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 217208
Township Name: Not reported
Region: 1
Interest Type: Deleted Leak Site
ADDR ID: 264262
Interest Telephone: 6517785808
Preferred ID: 4502
Interest Start Date: 02/20/1992
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 12/04/1999
TMSP Last Update: 11/14/2006 08:34:27
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0

3M AVIATION (Continued) **1000160317**

Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	445997
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	559369
Interest Telephone:	Not reported
Preferred ID:	70963
Interest Start Date:	09/24/2007
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	09/24/2007
TMSP Last Update:	09/24/2007 12:33:30
Staff ID Last Update:	JSTOCKI
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	System shut down. Happened inside hanger. There is a floor drain in hanger. Some amount went down floor drain-less half amount than total amount. Not sure if it is a storm sewer or sanitary sewer. There was fire protection testing being done by Metroplitan Airports commission-MAC. Some sort of pressure upset triggered system to go off. Spill was stopped. Diked off the rest of drains so it wouldn't go down the drain. Called in a spill response contractor to clean up the rest of the water on the floor.

PROGRAM ID:	54318428
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	264262
Interest Telephone:	Not reported
Preferred ID:	72381
Interest Start Date:	04/07/2008
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	04/07/2008
TMSP Last Update:	04/07/2008 08:54:24
Staff ID Last Update:	JMORAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Wayne Transport was delivering fuel from a truck to UST, the stationary pump went bad and fuel leaked from the system onto a metal surface and concrete underneath it. 3M staff put down absorbent towels.

3M AVIATION (Continued) **1000160317**

PROGRAM ID:	54353224
Township Name:	Not reported
Region:	1
Interest Type:	Spill site
ADDR ID:	559369
Interest Telephone:	Not reported
Preferred ID:	72523
Interest Start Date:	04/18/2008
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	04/18/2008
TMSP Last Update:	04/18/2008 12:06:30
Staff ID Last Update:	WHAAS
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Cause unknown-not sure if false alarm or what. Contained with dikes around the floor drain & will use a shop vac for clean up. Will give call back with more details. They do not know the exact amount of release at this time.

Latitude Longitude:

Program Id:	193451
Lat/Long ID:	0
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	04/26/2010 10:37:55
TMSP Last Update:	04/26/2010 10:37:55
Staff ID Last Update:	BPALMQU
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	55669
Spatial ID:	51376608

Program Id:	193451
Lat/Long ID:	46976
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.4
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	40.13
Collection Date:	03/16/2010 18:56:44

3M AVIATION (Continued) **1000160317**

Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:32:32
TMSP Last Update:	03/16/2010 21:21:10
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	55669
Spatial ID:	51376608

Tab Site:

Program Id:	193451
Facility Code:	19
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	05/08/1986 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	07/23/1992 19:11:05
TMSP Last Update:	05/23/2003 09:21:01
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

Latitude Longitude:

Program Id:	217208
Lat/Long ID:	3704
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	28.5637
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	37.8888
Collection Date:	Not reported
Lat/Long Description:	Not reported
TMSP Added:	08/03/2004 12:34:07
TMSP Last Update:	08/03/2004 12:34:07
Staff ID Last Update:	RSUCHAN
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	IU
Map Scale Code:	Not reported
Source:	TALES
Site ID:	55669
Spatial ID:	51743146

Program Id:	217208
Lat/Long ID:	46976
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	31.4
Longitude Degrees:	-93

3M AVIATION (Continued) **1000160317**

Longitude Minutes:	3
Longitude Seconds:	40.13
Collection Date:	03/16/2010 18:56:44
Lat/Long Description:	Not reported
TMSP Added:	08/28/2000 10:32:32
TMSP Last Update:	03/16/2010 21:21:10
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	MPCA
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	55669
Spatial ID:	51743146

Staff Name:

Program Id:	217208
Staff Sequence ID:	1475
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:03:58
TMSP Last Update:	01/20/2012 10:39:35
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	RRS
Staff ID Number:	4104

Program Id:	217208
Staff Sequence ID:	16650
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:13
TMSP Last Update:	01/20/2012 10:39:37
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	248

WIMN:

Status:	Y
Latitude:	44.942055699999997
Longitude:	-93.061147399999996
Item ID:	47002-AISI0000047002
AI ID:	47002
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	47002
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported

3M AVIATION (Continued) **1000160317**

Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	07/29/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	44123
Activity:	Multiple Activities
Activity List:	Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0004502; TS0004011
Program List:	Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=47002

WIMN:

Legislative District:	65B
Latitude:	44.94205569
Longitude:	-93.06114743
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=55669
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Legislative District:	65B
Latitude:	44.94205569
Longitude:	-93.06114743
Activity:	Multiple Activities
MPCA ID:	Multiple Activities

3M AVIATION (Continued) **1000160317**

Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=7519
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Status:	Y
Latitude:	44.935844750000001
Longitude:	-93.078346920000001
Item ID:	6197-AISI0000006197
AI ID:	6197
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	6197
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; ST
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	02822204bc
PLS Township:	28
Range:	22
Range Direction:	W
Section:	4
Quarters:	bc
Collection Method Code:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	06/18/1998
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater
MPCA ID:	Multiple IDs
MPCA List:	MND982640146; MNR053473; MNR0539WR
Program List:	Hazardous Waste; Stormwater

3M AVIATION (Continued) **1000160317**

Classification:	Other Airport Operations
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=6197

WIMN:

Legislative District:	65B
Latitude:	44.94205569
Longitude:	-93.06114743
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=55669
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Legislative District:	65B
Latitude:	44.94205569
Longitude:	-93.06114743
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=7519
Coordinate Collection Method:	Address Matching House Number
Status:	Active

---

224 West 1/4-1/2 0.491 mi. 2594 ft.

SAINT PAUL FUNERAL HOME
199 PLATO BLVD E
SAINT PAUL, MN 55107

MN WIMN **S120056054** **N/A**

Relative: Higher

Actual: 702 ft.

WIMN:

Status:	Y
Latitude:	44.939192689999999
Longitude:	-93.080099300000001
Item ID:	149442-AISI0000149442
AI ID:	149442
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	149442
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported

SAINT PAUL FUNERAL HOME (Continued) **S120056054**

MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/12/2015
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	75417398
Activity:	Hazardous Waste, Minimal quantity generator
Activity List:	Hazardous Waste, Minimal quantity generator
MPCA ID:	MNS000224667
MPCA List:	MNS000224667
Program List:	Hazardous Waste
Classification:	Funeral Homes and Funeral Services
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=149442

AS225 **SANBORN AVIATION INC** **MN WIMN** **S120054605**
East **700 BAYFIELD** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107**
0.494 mi.
2610 ft. **Site 2 of 3 in cluster AS**

Relative: **Lower**
Actual: **691 ft.**

WIMN:

Status:	N
Latitude:	44.941861500000002
Longitude:	-93.060754299999999
Item ID:	115333-AISI0000115333
AI ID:	115333
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	115333
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Tanks
Program List:	TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608

SANBORN AVIATION INC (Continued) **S120054605**

USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/29/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	08/29/2006
The Delta Spatial ID:	51375821
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Underground Tanks
MPCA ID:	TS0003466
MPCA List:	TS0003466
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=115333

AS226 **REGENT AVIATION** **MN LAST** **S100057953**
East **700 BAYFIELD ST** **MN LUST** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.494 mi. **MN Financial Assurance**
2610 ft. **Site 3 of 3 in cluster AS** **MN MANIFEST**
MN WIMN

Relative:
Lower

Actual:
691 ft.

LAST:

Item ID:	25827-AREA0000000002
AI ID:	25827
MN PCA ID:	Not reported
AI Name:	Regent Aviation
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94186159
Longitude:	-93.06075439
Corrd Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=25827
Leak Discovered:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	10/17/1994

REGENT AVIATION (Continued) **S100057953**

Owner:	Met Council Environmental Services
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55101
SI Type:	Aboveground Storage Tank
Leak Reported:	8/25/1989

LUST:

Item ID:	25827-AREA0000000002
MNPCA ID:	Not reported
AI ID:	25827
AI Name:	Regent Aviation
Site Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94186159
Longitude:	-93.06075439
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=25827
Leak Discovered:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Met Council Environmental Services
Site Closed:	10/17/1994
Owner Address:	230 E 5th St
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55101
SI Type:	Underground Storage Tank System
Leak Reported:	8/25/1989

SRS:

Facility ID:	LS0001542
Item ID:	25827-AREA0000000002
AI ID:	25827
AI Name:	Regent Aviation
Facility Type:	Leak Site
Hydro:	Not reported
Project Manager:	James Joslyn (no longer at MPCA)
Latitude:	44.94186159
Longitude:	-93.06075439
Coord Collection Method:	Address Matching House Number
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=25827
Leak Discovered:	Not reported
Leak Reported:	08/25/1989
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported

REGENT AVIATION (Continued) **S100057953**

Site Closed:	10/17/1994
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19890001
Act Desc:	Leak Site Investigation
Status:	Closed

MN Financial Assurance 1:

PROGRAM ID:	214420
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	238828
Interest Telephone:	6512281137
Preferred ID:	1542
Interest Start Date:	08/16/1996
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	12/04/1999
TMSP Last Update:	03/23/2006 13:20:41
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	214420
Township Name:	Not reported
Region:	1
Interest Type:	Leak Site
ADDR ID:	42411
Interest Telephone:	NO CORE PI PH.
Preferred ID:	1542
Interest Start Date:	08/16/1996
Interest End Date:	03/23/2006
Activity Flag:	N
TMSP Added:	03/23/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	32411
Country Code:	USA
FOR State:	Not reported

REGENT AVIATION (Continued) **S100057953**

FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

Latitude Longitude:
Program Id: 214420
Lat/Long ID: 1289
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 31.2628
Longitude Degrees: -93
Longitude Minutes: 3
Longitude Seconds: 48.0949
Collection Date: Not reported
Lat/Long Description: Not reported
TMSP Added: 08/03/2004 12:34:04
TMSP Last Update: 08/03/2004 12:34:04
Staff ID Last Update: RSUCHAN
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: IU
Map Scale Code: Not reported
Source: TALES
Site ID: 32411
Spatial ID: 51063401

Program Id: 214420
Lat/Long ID: 59123
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 31.71
Longitude Degrees: -93
Longitude Minutes: 3
Longitude Seconds: 58.89
Collection Date: 03/12/2010 17:47:44
Lat/Long Description: Not reported
TMSP Added: 02/24/2001 00:00:00
TMSP Last Update: 03/12/2010 18:14:01
Staff ID Last Update: MAPT_NC
Coord Source Type: 2
Org Name Source: MPCA
Coord Coll Meth: A1
Map Scale Code: T
Source: CORE
Site ID: 32411
Spatial ID: 51063401

Staff Name:
Program Id: 214420
Staff Sequence ID: 10305
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:07
TMSP Last Update: 01/20/2012 10:39:35
Staff ID Last Update: RSUCHAN
Last Name: Not reported

REGENT AVIATION (Continued) **S100057953**

First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	SPS
Staff ID Number:	3258
Program Id:	214420
Staff Sequence ID:	14027
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	12/04/1999 14:04:11
TMSP Last Update:	01/20/2012 10:39:36
Staff ID Last Update:	RSUCHAN
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3296

MANIFEST:

Manifest ID:	182864
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-03-28 00:00:00
Gen Ship Date:	1990-03-26 00:00:00
Trans 1 Recd Date:	1990-03-26 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-03-27 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker

REGENT AVIATION (Continued) **S100057953**

Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182864
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	45
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	182865
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	7/18/1995 0:00:00
Fac Copy Recd Date:	1993-10-08 00:00:00
Gen Ship Date:	1993-10-06 00:00:00
Trans 1 Recd Date:	1993-10-06 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-10-06 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation

REGENT AVIATION (Continued) **S100057953**

Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182865
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	8
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	182866
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	2/7/1992 0:00:00
Fac Copy Recd Date:	1992-02-03 00:00:00
Gen Ship Date:	1992-01-30 00:00:00
Trans 1 Recd Date:	1992-01-30 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-01-31 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432

REGENT AVIATION (Continued) **S100057953**

Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182866
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	45
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	182867
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-04-25 00:00:00
Gen Ship Date:	1990-04-23 00:00:00
Trans 1 Recd Date:	1990-04-23 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-04-24 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827

REGENT AVIATION (Continued) **S100057953**

Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182867
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	90
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	182868
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	7/18/1995 0:00:00
Fac Copy Recd Date:	1993-11-09 00:00:00
Gen Ship Date:	1993-11-04 00:00:00
Trans 1 Recd Date:	1993-11-04 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-11-04 00:00:00
Comments:	Not reported

Contact:

REGENT AVIATION (Continued) **S100057953**

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182868
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	9
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	182869
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	2/26/1992 0:00:00
Fac Copy Recd Date:	1992-02-26 00:00:00
Gen Ship Date:	1992-02-24 00:00:00
Trans 1 Recd Date:	1992-02-24 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-02-25 00:00:00
Comments:	Not reported

REGENT AVIATION (Continued) **S100057953**

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182869
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	114
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	182870
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD984908202
Transporter 1 AI ID:	37702
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1000 N Randall Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-2318
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	7/18/1995 0:00:00
Fac Copy Recd Date:	1993-12-06 00:00:00
Gen Ship Date:	1993-11-30 00:00:00
Trans 1 Recd Date:	1993-11-30 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1993-11-30 00:00:00

REGENT AVIATION (Continued) **S100057953**

Comments: Not reported

Contact:
Generator AI ID: 25827
Generator ID: MND040967432
Generator AI Name: Regent Aviation
Generator Contact: Michael Baker
Contact Address: 2285 Hampden Ave
Contact City: Saint Paul
Contact State: MN
Contact Zip: 55114
Contact Email: mfbaker@minnesotachemical.com
Contact Phone: 651-646-7521

Detail:
Manifest ID: 182870
Manifest Row: 1
Haz Material Name: PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number: Not reported
UN NA Number: NA1993
Packing Group Number: Not reported
Container Qty: 1
Container Code: DMML
Waste Qty: 7
Waste Units Code: AD
Waste Code List: D001

Manifest ID: 182871
Generator ID: MND040967432
Generator AI ID: 25827
Transporter 1 ID: ILD051060408
Transporter 1 AI ID: 37854
Transporter 1 AI Name: Safety Kleen Corp Headquarters
Transporter 1 Address: 777 Big Timber Rd
Transporter 1 City: Elgin
Transporter 1 State: IL
Transporter 1 ZIP: 60123-1488
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported
Transporter 2 ZIP: Not reported
TSD ID: MND981097884
TSD AI ID: 8054
TSD AI Name: Safety-Kleen Systems Inc - Eagan
TSD Address: 3227 Terminal Dr
TSD City: Eagan
TSD State: MN
TSD Zip: 55121
Gen Copy Recd Date: Not reported
Fac Copy Recd Date: 1990-05-31 00:00:00
Gen Ship Date: 1990-05-25 00:00:00
Trans 1 Recd Date: 1990-05-25 00:00:00
Trans 2 Recd Date: Not reported

REGENT AVIATION (Continued) **S100057953**

Tsd Recd Date:	1990-05-25 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182871
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	90
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	182872
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	3/11/1992 0:00:00
Fac Copy Recd Date:	1992-03-12 00:00:00
Gen Ship Date:	1992-03-09 00:00:00
Trans 1 Recd Date:	1992-03-09 00:00:00

REGENT AVIATION (Continued) **S100057953**

Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-03-10 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182872
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	57
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	182873
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1990-06-20 00:00:00
Gen Ship Date:	1990-06-18 00:00:00

REGENT AVIATION (Continued) **S100057953**

Trans 1 Recd Date:	1990-06-18 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1990-06-19 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182873
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	45
Waste Units Code:	IB
Waste Code List:	D001

Manifest ID:	182874
Generator ID:	MND040967432
Generator AI ID:	25827
Transporter 1 ID:	ILD051060408
Transporter 1 AI ID:	37854
Transporter 1 AI Name:	Safety Kleen Corp Headquarters
Transporter 1 Address:	777 Big Timber Rd
Transporter 1 City:	Elgin
Transporter 1 State:	IL
Transporter 1 ZIP:	60123-1488
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MND981097884
TSD AI ID:	8054
TSD AI Name:	Safety-Kleen Systems Inc - Eagan
TSD Address:	3227 Terminal Dr
TSD City:	Eagan
TSD State:	MN
TSD Zip:	55121
Gen Copy Recd Date:	4/2/1992 0:00:00
Fac Copy Recd Date:	1992-04-01 00:00:00

REGENT AVIATION (Continued) **S100057953**

Gen Ship Date:	1992-03-30 00:00:00
Trans 1 Recd Date:	1992-03-30 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1992-03-31 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	25827
Generator ID:	MND040967432
Generator AI Name:	Regent Aviation
Generator Contact:	Michael Baker
Contact Address:	2285 Hampden Ave
Contact City:	Saint Paul
Contact State:	MN
Contact Zip:	55114
Contact Email:	mfbaker@minnesotachemical.com
Contact Phone:	651-646-7521

Detail:

Manifest ID:	182874
Manifest Row:	1
Haz Material Name:	PETROLEUM NAPHTHA,COMBUS. LIQ.
Haz Class Number:	Not reported
UN NA Number:	UN1255
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML
Waste Qty:	111
Waste Units Code:	IB
Waste Code List:	D001

Click this hyperlink while viewing on your computer to access
67 additional MN MANIFEST: record(s) in the EDR Site Report.

WIMN:

Status:	Y
Latitude:	44.942142400000002
Longitude:	-93.066358899999997
Item ID:	25827-AISI0000025827
AI ID:	25827
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	25827
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206

REGENT AVIATION (Continued) **S100057953**

USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	21073
Activity:	Multiple Activities
Activity List:	Aboveground Tanks; Hazardous Waste; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0001542; MND040967432; TS0010285
Program List:	Hazardous Waste; Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=25827

WIMN:

Legislative District:	65B
Latitude:	44.94186159
Longitude:	-93.06075439
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32411
Coordinate Collection Method:	Address Matching House Number
Status:	Active

Status:	N
Latitude:	44.942142400000002
Longitude:	-93.066358899999997
Item ID:	23622-AISI0000023622
AI ID:	23622
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	23622
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported

REGENT AVIATION (Continued) **S100057953**

Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/28/2015
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	07/27/1999
The Delta Spatial ID:	23231
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND985717487
MPCA List:	MND985717487
Program List:	Hazardous Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=23622

WIMN:

Legislative District:	65B
Latitude:	44.94186159
Longitude:	-93.06075439
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=32411
Coordinate Collection Method:	Address Matching House Number
Status:	Active

AR227 **NSP** **MN LUST** **S107733805**
WSW **215 EVA ST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **ST. PAUL, MN 55107** **MN SRS**
0.496 mi. **MN SPILLS**
2619 ft. **Site 2 of 2 in cluster AR** **MN AIRS**
MN ENF
Relative: **MN Financial Assurance**
Higher **MN WIMN**

Actual:
700 ft.

LUST:

Item ID:	102397-AREA0000000001
MNPCA ID:	Not reported
AI ID:	102397
AI Name:	Baldinger Baking Co
Site Type:	Leak Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Amy Miller (former)
Latitude:	44.93804778
Longitude:	-93.08033531
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102397
Leak Discovered:	6/19/2014
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Saint Paul Port Authority
Site Closed:	7/29/2014
Owner Address:	345 Saint Peter St #1900 Landmark Tower
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55112
SI Type:	Underground Storage Tank System
Leak Reported:	6/24/2014

Item ID:	102397-AREA0000000002
MNPCA ID:	Not reported
AI ID:	102397
AI Name:	Baldinger Baking Co
Site Type:	Leak Site
Hydro:	Michael Chiodi (no longer at MPCA)
Project Manager:	Jessica Ebertz (former)
Latitude:	44.93804778
Longitude:	-93.08033531
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102397
Leak Discovered:	1/1/1901
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Saint Paul Port Authority
Site Closed:	12/18/1992
Owner Address:	345 Saint Peter St #1900 Landmark Tower
Owner City:	Saint Paul

NSP (Continued) **S107733805**

Owner State: MN
Owner ZIP: 55112
SI Type: Underground Storage Tank System
Leak Reported: 1/18/1990

BROWNFIELDS:
Site ID: PB4621
Leak Num: Not reported
Owner Name: Saint Paul Port Authority
Leak Source: Not reported
Response Action Date: Not reported
Site Acreage: Not reported
Item Id: 102397-AREA0000000003
AI ID: 102397
AI Name: Baldinger Baking Co
Site type: Brownfield Site
Hydro: John Kaehler (no longer at MPCA)
Project Manager: Amy Miller (former)
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Y
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102397
Leak Discovered: Not reported
Leak Reported: Not reported
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 07/29/2014
Owner Address: 345 Saint Peter St #1900 Landmark Tower
Owner City: Saint Paul
Owner State: MN
Owner ZIP: 55112
Latitude: 44.93798168
Longitude: -93.08022856

SRS:
Facility ID: LS0019522
Item ID: 102397-AREA0000000001
AI ID: 102397
AI Name: Baldinger Baking Co
Facility Type: Leak Site
Hydro: John Kaehler (no longer at MPCA)
Project Manager: Amy Miller (former)
Latitude: 44.93804778
Longitude: -93.08033531
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Not reported
WIMN: https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102397
Leak Discovered: 06/19/2014
Leak Reported: 06/24/2014
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported

NSP (Continued) **S107733805**

Site Closed:	07/29/2014
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20140002
Act Desc:	Leak Site Investigation
Status:	Closed
Facility ID:	LS0003741
Item ID:	102397-AREA0000000002
AI ID:	102397
AI Name:	Baldinger Baking Co
Facility Type:	Leak Site
Hydro:	Michael Chiodi (no longer at MPCA)
Project Manager:	Jessica Ebertz (former)
Latitude:	44.93804778
Longitude:	-93.08033531
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102397
Leak Discovered:	01/01/1901
Leak Reported:	01/18/1990
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/18/1992
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19900001
Act Desc:	Leak Site Investigation
Status:	Closed
Facility ID:	PB4621
Item ID:	102397-AREA0000000003

NSP (Continued) **S107733805**

AI ID:	102397
AI Name:	Baldinger Baking Co
Facility Type:	Brownfield Site
Hydro:	John Kaehler (no longer at MPCA)
Project Manager:	Amy Miller (former)
Latitude:	44.93798168
Longitude:	-93.08022856
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102397
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	07/29/2014
Owner:	Saint Paul Port Authority
Owner Address:	345 Saint Peter St #1900 Landmark Tower
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55112
Acreage:	3.15
BPET:	Y
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20140001
Act Desc:	Brownfield Site
Status:	Closed

SPILLS:

Program ID:	186139
Preferred ID:	29020
Incident ID:	29020
edr_fcity:	ST. PAUL
Incident Date:	9/15/1998
Program:	Emergency Management
Incident Types:	Transformer
Duty Officer Number:	Not reported
Lead Investigator:	Dorene Fier-Tucker
Incident Status:	Closed or Completed
Closure Type:	Response/Action Completed
AI ID source:	Not reported
Source name:	NSP
Source Address:	Not reported
Source City:	Not reported
Source State:	Not reported
Source ZIP:	Not reported
Substance:	Mineral Oil
Quantity:	300
Units:	gallons
Latitude:	Not reported

NSP (Continued) **S107733805**

Longitude: Not reported
Source CM: Not reported

SPILLS:
Program ID: 186139
Facility Address 2: Not reported
Spill Date: 09/15/1998

SPILLS:
Program ID: 186139
Spill Action ID: 50173
Spill Action Code: 2
Spill Action Person: Not reported
Spill Action Date: Not reported
Tmsp Added: 09/16/1998 07:02:41
Tmsp Last Update: 05/04/2002 07:29:06
Staff ID Last Update: TANKS

Program ID: 186139
Spill Action ID: 53616
Spill Action Code: 4
Spill Action Person: Not reported
Spill Action Date: Not reported
Tmsp Added: 09/16/1998 07:02:41
Tmsp Last Update: 05/04/2002 07:29:06
Staff ID Last Update: TANKS

Program ID: 186139
Spill Action ID: 53961
Spill Action Code: 3
Spill Action Person: Not reported
Spill Action Date: Not reported
Tmsp Added: 09/16/1998 07:02:41
Tmsp Last Update: 05/04/2002 07:29:06
Staff ID Last Update: TANKS

SPILLS:
Program ID: 186139
Spill Inc Affected ID: 59290
Spill Inc Affected Code: 5
Tmsp Added: 09/16/1998 07:02:41
Tmsp Last Updated: 05/04/2002 07:29:06
Staff ID Last Update: TANKS

Program ID: 186139
Spill Inc Affected ID: 63325
Spill Inc Affected Code: 7
Tmsp Added: 09/16/1998 07:02:41
Tmsp Last Updated: 05/04/2002 07:29:06
Staff ID Last Update: TANKS

SPILLS:
Program ID: 186139
Spill Incident Accuracy ID: 79940
Spill Product Code: 13
Spill Qty Units: 5

NSP (Continued) **S107733805**

Spill Incident Accuracy:	2
Spill Released Qty:	300
Tmsp Added:	09/16/1998 07:02:41
Tmsp Last Update:	05/04/2002 07:29:06
Staff ID Last Update:	TANKS

MN AIRS:

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	52801.6
Emissions (tons):	26.4008

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	3666
Emissions (tons):	1.833

Facility ID:	12300693

NSP (Continued) **S107733805**

File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	3078
Emissions (tons):	1.539

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	117.28
Emissions (tons):	0.05864

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627

NSP (Continued) **S107733805**

SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	22
Emissions (tons):	0.011
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	19.058
Emissions (tons):	0.009529
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011

NSP (Continued) **S107733805**

Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	19.058
Emissions (tons):	0.009529
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	15.76
Emissions (tons):	0.00788
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0.018326
Emissions (tons):	9.163e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St

NSP (Continued) **S107733805**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Zinc
Emissions (lb):	1.0628
Emissions (tons):	0.0005314

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Vanadium
Emissions (lb):	0.0843
Emissions (tons):	4.215e-05

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812

NSP (Continued) **S107733805**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	0.07696
Emissions (tons):	3.848e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	0.04032
Emissions (tons):	2.016e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	0.03116

NSP (Continued) **S107733805**

Emissions (tons):	1.558e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	0.013928
Emissions (tons):	6.964e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Arsenic
Emissions (lb):	0.00733
Emissions (tons):	3.665e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761

NSP (Continued) **S107733805**

Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	0.003078
Emissions (tons):	1.539e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chromium (VI)
Emissions (lb):	0.002052
Emissions (tons):	1.026e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

NSP (Continued) **S107733805**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Selenium
Emissions (lb):	0.0008796
Emissions (tons):	4.398e-07
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Beryllium
Emissions (lb):	0.0004398
Emissions (tons):	2.199e-07
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	3.078e-05
Emissions (tons):	1.539e-08
Facility ID:	12300693

NSP (Continued) **S107733805**

File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acetaldehyde
Emissions (lb):	1596
Emissions (tons):	0.798

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
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Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	65.98
Emissions (tons):	0.03299

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
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Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627

NSP (Continued) **S107733805**

SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	2.748
Emissions (tons):	0.001374
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	0.12462
Emissions (tons):	6.231e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011

NSP (Continued) **S107733805**

Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	0.07696
Emissions (tons):	3.848e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chromium (III)
Emissions (lb):	0.04926
Emissions (tons):	2.463e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.04398
Emissions (tons):	2.199e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St

NSP (Continued) **S107733805**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
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SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	0.0008796
Emissions (tons):	4.398e-07

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
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SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	0.0005864
Emissions (tons):	2.932e-07

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812

NSP (Continued) **S107733805**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Naphthalene
Emissions (lb):	0.02236
Emissions (tons):	1.118e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	0.000623

NSP (Continued) **S107733805**

Emissions (tons):	3.115e-07
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Pyrene
Emissions (lb):	0.00018326
Emissions (tons):	9.163e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	0.00010996
Emissions (tons):	5.498e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761

NSP (Continued) **S107733805**

Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	0.00010262
Emissions (tons):	5.131e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	8.796e-05
Emissions (tons):	4.398e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

NSP (Continued) **S107733805**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08
Facility ID:	12300693

NSP (Continued) **S107733805**

File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627

NSP (Continued) **S107733805**

SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	6.598e-05
Emissions (tons):	3.299e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011

NSP (Continued) **S107733805**

Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	4.398e-05
Emissions (tons):	2.199e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	4.398e-05
Emissions (tons):	2.199e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2011
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	4.398e-05
Emissions (tons):	2.199e-08
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported

NSP (Continued) **S107733805**

Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	3660
Emissions (tons):	1.83

Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	4340
Emissions (tons):	2.17

Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812

NSP (Continued) **S107733805**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	340
Emissions (tons):	0.17
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	340
Emissions (tons):	0.17
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	63200

NSP (Continued) **S107733805**

Emissions (tons):	31.6
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	20
Emissions (tons):	0.01
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2010
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761

NSP (Continued) **S107733805**

Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	3300
Emissions (tons):	1.65

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	3920
Emissions (tons):	1.96

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

NSP (Continued) **S107733805**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	300
Emissions (tons):	0.15
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	300
Emissions (tons):	0.15
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	63400
Emissions (tons):	31.7
Facility ID:	12300693

NSP (Continued) **S107733805**

File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	20
Emissions (tons):	0.01

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2009
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627

NSP (Continued) **S107733805**

SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	4000
Emissions (tons):	2
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	4800
Emissions (tons):	2.4
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007

NSP (Continued) **S107733805**

Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	360
Emissions (tons):	0.18
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	360
Emissions (tons):	0.18
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	61400
Emissions (tons):	30.7
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St

NSP (Continued) **S107733805**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	20
Emissions (tons):	0.01

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2007
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812

NSP (Continued) **S107733805**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	4400
Emissions (tons):	2.2
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	2400
Emissions (tons):	1.2
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	2000

NSP (Continued) **S107733805**

Emissions (tons):	1
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	2000
Emissions (tons):	1
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Sulfur Dioxide
Emissions (lb):	2000
Emissions (tons):	1
Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported

NSP (Continued) **S107733805**

Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	68000
Emissions (tons):	34

Facility ID:	12300693
File Number:	Not reported
Fedral/State:	Not reported
Mail Address:	Not reported
Mail City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	Not reported
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2006
Industry Type:	Manufacturing
Pollutant:	Lead
Emissions (lb):	0
Emissions (tons):	0

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

NSP (Continued) **S107733805**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acenaphthene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acenaphthylene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Acetaldehyde
Emissions (lb):	2058.0006017
Emissions (tons):	1.0290003008
Facility ID:	12300693

NSP (Continued) **S107733805**

File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Ammonia
Emissions (lb):	141.05696
Emissions (tons):	0.07052848

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
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Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Anthracene
Emissions (lb):	0.00010579
Emissions (tons):	5.2895e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627

NSP (Continued) **S107733805**

SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Arsenic
Emissions (lb):	0.00881606
Emissions (tons):	4.40803e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benz(A)Anthracene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008

NSP (Continued) **S107733805**

Industry Type:	Manufacturing
Pollutant:	Benzo(G,H,I)Perylene
Emissions (lb):	5.29e-05
Emissions (tons):	2.645e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzene
Emissions (lb):	0.09256863
Emissions (tons):	4.6284315e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(A)Pyrene
Emissions (lb):	5.29e-05
Emissions (tons):	2.645e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St

NSP (Continued) **S107733805**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(B)Fluoranthene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Benzo(K)Fluoranthene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812

NSP (Continued) **S107733805**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Beryllium
Emissions (lb):	0.00052896
Emissions (tons):	2.6448e-07
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Cadmium
Emissions (lb):	0.04848833
Emissions (tons):	2.4244165e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Chromium
Emissions (lb):	0.06171242

NSP (Continued) **S107733805**

Emissions (tons):	3.085621e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Chrysene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Carbon Monoxide
Emissions (lb):	3700
Emissions (tons):	1.85
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761

NSP (Continued) **S107733805**

Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Cobalt
Emissions (lb):	0.00370275
Emissions (tons):	1.851375e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Copper
Emissions (lb):	0.03746826
Emissions (tons):	1.873413e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

NSP (Continued) **S107733805**

Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dibenzo(A,H)Anthracene
Emissions (lb):	5.29e-05
Emissions (tons):	2.645e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
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Contact Fax:	(651) 224-4962
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SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dichlorobenzenes
Emissions (lb):	0.05289636
Emissions (tons):	2.644818e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
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SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Dimethylbenz(A)Anthracene
Emissions (lb):	0.00070528
Emissions (tons):	3.5264e-07
Facility ID:	12300693

NSP (Continued) **S107733805**

File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Fluoranthene
Emissions (lb):	0.00013224
Emissions (tons):	6.612e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Fluorene
Emissions (lb):	0.00012342
Emissions (tons):	6.171e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627

NSP (Continued) **S107733805**

SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Formaldehyde
Emissions (lb):	3.3060225
Emissions (tons):	0.00165301125
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	N-Hexane
Emissions (lb):	79.34454
Emissions (tons):	0.03967227
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008

NSP (Continued) **S107733805**

Industry Type:	Manufacturing
Pollutant:	Indeno(1,2,3-C,D)Pyrene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Manganese
Emissions (lb):	0.01675051
Emissions (tons):	8.375255e-06
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Mercury
Emissions (lb):	3.703e-05
Emissions (tons):	1.8515e-08
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St

NSP (Continued) **S107733805**

Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	3-Methylcholanthrene
Emissions (lb):	7.934e-05
Emissions (tons):	3.967e-08

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	2-Methylnaphthalene
Emissions (lb):	0.00105793
Emissions (tons):	5.28965e-07

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812

NSP (Continued) **S107733805**

Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Naphthalene
Emissions (lb):	0.02688898
Emissions (tons):	1.344449e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Nickel
Emissions (lb):	0.09256863
Emissions (tons):	4.6284315e-05
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Nitrogen Oxides
Emissions (lb):	4400

NSP (Continued) **S107733805**

Emissions (tons):	2.2
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Phenanthrene
Emissions (lb):	0.00074937
Emissions (tons):	3.74685e-07
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM Primary
Emissions (lb):	340
Emissions (tons):	0.17
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761

NSP (Continued) **S107733805**

Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM10 Primary
Emissions (lb):	340.000012
Emissions (tons):	0.170000006
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	PM2.5 Primary
Emissions (lb):	101.35647443
Emissions (tons):	0.050678237215
Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported

NSP (Continued) **S107733805**

Expiration Date: Not reported
REG PMT Option: Not reported
Emissions Year: 2008
Industry Type: Manufacturing
Pollutant: Pyrene
Emissions (lb): 0.0002204
Emissions (tons): 1.102e-07

Facility ID: 12300693
File Number: 3770
Fedral/State: Not reported
Mail Address: 215 Eva St
Mail City,St,Zip: St. Paul, MN 55107
Contact Name: Mr. Kendle Wagner
Contact Phone: (651) 224-5761
Contact Fax: (651) 224-4962
Latitude: 44.9399269
Longitude: -93.0807627
SIC Code: 2051
SIC Code 2: Not reported
NAICS: 311812
Permip Program Type: Not reported
Action ID: Not reported
Effective Start: Not reported
Expiration Date: Not reported
REG PMT Option: Not reported
Emissions Year: 2008
Industry Type: Manufacturing
Pollutant: Selenium
Emissions (lb): 0.00105793
Emissions (tons): 5.28965e-07

Facility ID: 12300693
File Number: 3770
Fedral/State: Not reported
Mail Address: 215 Eva St
Mail City,St,Zip: St. Paul, MN 55107
Contact Name: Mr. Kendle Wagner
Contact Phone: (651) 224-5761
Contact Fax: (651) 224-4962
Latitude: 44.9399269
Longitude: -93.0807627
SIC Code: 2051
SIC Code 2: Not reported
NAICS: 311812
Permip Program Type: Not reported
Action ID: Not reported
Effective Start: Not reported
Expiration Date: Not reported
REG PMT Option: Not reported
Emissions Year: 2008
Industry Type: Manufacturing
Pollutant: Sulfur Dioxide
Emissions (lb): 260
Emissions (tons): 0.13

Facility ID: 12300693

NSP (Continued) **S107733805**

File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Toluene
Emissions (lb):	0.14987302
Emissions (tons):	7.493651e-05

Facility ID:	12300693
File Number:	3770
Fedral/State:	Not reported
Mail Address:	215 Eva St
Mail City,St,Zip:	St. Paul, MN 55107
Contact Name:	Mr. Kendle Wagner
Contact Phone:	(651) 224-5761
Contact Fax:	(651) 224-4962
Latitude:	44.9399269
Longitude:	-93.0807627
SIC Code:	2051
SIC Code 2:	Not reported
NAICS:	311812
Permip Program Type:	Not reported
Action ID:	Not reported
Effective Start:	Not reported
Expiration Date:	Not reported
REG PMT Option:	Not reported
Emissions Year:	2008
Industry Type:	Manufacturing
Pollutant:	Volatile Organic Compounds
Emissions (lb):	68600
Emissions (tons):	34.3

MN Enforcement Log :

Facility ID:	12300693
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	07/08/1999
Enforcement Type:	Letter of Warning

NSP (Continued) **S107733805**

Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	3164
Activity ID:	NON19990001
Public Flag:	Y
Latitude:	44.9380483
Longitude:	-93.080333
Coord Collect Meth Desc:	Digitized - MPCA internal mapping application
Mailing Address1:	3527 Lexington Ave
Mailing City Name:	Arden Hills
Mailing State Code:	MN
Mailing Zip Code:	55126
Responsible Party:	Eagle Baking Co/B & E Holdings Ltd (Chicago, IL)
Zero Date:	06/21/1999
Case Closed:	Not reported
Case Lead:	Amy Lee
Attorney Assigned:	Not reported
Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	12300693
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	10/05/2004
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	3164
Activity ID:	NON20040001
Public Flag:	Y
Latitude:	44.9380483
Longitude:	-93.080333
Coord Collect Meth Desc:	Digitized - MPCA internal mapping application
Mailing Address1:	3527 Lexington Ave
Mailing City Name:	Arden Hills
Mailing State Code:	MN
Mailing Zip Code:	55126
Responsible Party:	Baldinger Baking Limited Partnership (Saint Paul, MN)
Zero Date:	05/01/2004
Case Closed:	10/5/2004

NSP (Continued) **S107733805**

Case Lead:	Suzanne Baumann
Attorney Assigned:	Leah Hedman
Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

Facility ID:	12300693
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	10/05/2005
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	3164
Activity ID:	NON20150001
Public Flag:	Y
Latitude:	44.9380483
Longitude:	-93.080333
Coord Collect Meth Desc:	Digitized - MPCA internal mapping application
Mailing Address1:	3527 Lexington Ave
Mailing City Name:	Arden Hills
Mailing State Code:	MN
Mailing Zip Code:	55126
Responsible Party:	Not reported
Zero Date:	10/05/2005
Case Closed:	Not reported
Case Lead:	Amy Lee
Attorney Assigned:	Not reported
Lead Program:	Air
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported

NSP (Continued) **S107733805**

SEP Abandonment: Not reported
Grand Total: Not reported

MN Financial Assurance 1:
PROGRAM ID: 186139
Township Name: Not reported
Region: 1
Interest Type: Spill site
ADDR ID: 201568
Interest Telephone: Not reported
Preferred ID: 29020
Interest Start Date: 09/16/1998
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 09/16/1998
TMSP Last Update: 11/18/2003 10:22:18
Staff ID Last Update: TANKS
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 123
Comments: TRANSFORMER LEAKING. MAJORITY DID IMPACT THE STORM SEWER. CITY\\n\\nTRACKING THE LINE TO OUT FALL SORBENTS USED FOR CONTAINMENT.

PROGRAM ID: 69078500
Township Name: Fort Snelling
Region: 1
Interest Type: Leak Site
ADDR ID: 4042
Interest Telephone: NO CORE PI PH.
Preferred ID: 19522
Interest Start Date: 06/24/2014
Interest End Date: 07/29/2014
Activity Flag: N
TMSP Added: 06/26/2014
TMSP Last Update: 11/10/2014 08:17:06
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 182072
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

PROGRAM ID: 69261640
Township Name: Fort Snelling
Region: 1
Interest Type: Petroleum Brownfield
ADDR ID: 4042
Interest Telephone: NO CORE PI PH.
Preferred ID: 4621
Interest Start Date: 07/14/2014
Interest End Date: Not reported
Activity Flag: Y

NSP (Continued) **S107733805**

TMSP Added: 07/14/2014
TMSP Last Update: 07/29/2014 09:56:56
Staff ID Last Update: AMILLER
Source: CORE
Source ID: 182072
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 123
Comments: Not reported

Latitude Longitude:
Program Id: 69261640
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Main Site Building
TMSP Added: 07/15/2014 10:35:29
TMSP Last Update: 07/16/2014 15:52:48
Staff ID Last Update: JKAEHLE
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 182072
Spatial ID: 69261641

Program Id: 69261640
Lat/Long ID: 121004
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 16.97
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 49.2
Collection Date: 06/27/2014 11:22:37
Lat/Long Description: Not reported
TMSP Added: 03/23/2006 13:21:09
TMSP Last Update: 06/27/2014 11:22:43
Staff ID Last Update: MAPTOOL
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: DM
Map Scale Code: Not reported
Source: CORE
Site ID: 182072
Spatial ID: 69261641

Staff Name:
Program Id: 69261640

NSP (Continued) **S107733805**

Staff Sequence ID: 164852
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 07/14/2014 16:47:00
TMSP Last Update: 07/14/2014 16:47:00
Staff ID Last Update: SVANPAT
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 3344

Program Id: 69261640
Staff Sequence ID: 164853
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 07/14/2014 16:47:11
TMSP Last Update: 07/14/2014 16:47:11
Staff ID Last Update: SVANPAT
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: HYD
Staff ID Number: 1612

Latitude Longitude:
Program Id: 69078500
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Main Site Building
TMSP Added: 06/27/2014 10:24:11
TMSP Last Update: 06/27/2014 11:27:09
Staff ID Last Update: SFRYE
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 182072
Spatial ID: 69078501

Program Id: 69078500
Lat/Long ID: 121004
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 16.97
Longitude Degrees: -93
Longitude Minutes: 4
Longitude Seconds: 49.2
Collection Date: 06/27/2014 11:22:37

NSP (Continued) **S107733805**

Lat/Long Description:	Not reported
TMSP Added:	03/23/2006 13:21:09
TMSP Last Update:	06/27/2014 11:22:43
Staff ID Last Update:	MAPTOOL
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	DM
Map Scale Code:	Not reported
Source:	CORE
Site ID:	182072
Spatial ID:	69078501

Staff Name:

Program Id:	69078500
Staff Sequence ID:	164503
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	06/27/2014 10:24:54
TMSP Last Update:	07/14/2014 16:48:43
Staff ID Last Update:	SVANPAT
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	LPM
Staff ID Number:	3344

Program Id:	69078500
Staff Sequence ID:	164854
Staff Type:	Not reported
Staff Name:	Not reported
TMSP Added:	07/14/2014 16:48:43
TMSP Last Update:	07/14/2014 16:48:43
Staff ID Last Update:	SVANPAT
Last Name:	Not reported
First Name:	Not reported
Middle Initial:	Not reported
Functional Area Code:	HYD
Staff ID Number:	1612

WIMN:

Status:	Y
Latitude:	44.938047699999998
Longitude:	-93.080335300000002
Item ID:	102397-AISI0000102397
AI ID:	102397
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	102397
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs

NSP (Continued) **S107733805**

Program List:	SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	03/23/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51063809
Activity:	Multiple Activities
Activity List:	Brownfields, Petroleum Brownfield; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0003741; LS0019522; PB4621; TS0014277
Program List:	Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102397
Status:	Y
Latitude:	44.938048299999998
Longitude:	-93.080332999999996
Item ID:	3164-AISI0000003164
AI ID:	3164
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	3164
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	AQ; HW
City, Township or Unorganized code:	239651

NSP (Continued) **S107733805**

City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	Y
Collection Date:	04/25/2016
Timestamp of Creation:	11/22/1996
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	3377
Activity:	Multiple Activities
Activity List:	Air Quality; Hazardous Waste, Very small quantity generator
MPCA ID:	Multiple IDs
MPCA List:	12300693; MND006178651
Program List:	Air Quality; Hazardous Waste
Classification:	Commercial Bakeries ; Hardware Stores
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=3164

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228 **WARNER ROAD PROPERTY** **MN UST** **U003852113**
NNE **600 WARNER RD** **MN Financial Assurance** **N/A**
1/4-1/2 **SAINT PAUL, MN 55106** **MN WIMN**
0.496 mi.
2621 ft.

Relative: **Lower**

Actual: **696 ft.**

UST:

Item Compart ID:	112548-EQUI0000000001-1
AI ID:	112548
Tank Site ID:	TS0014293
Item ID:	112548-EQUI0000000001
SI Type:	Underground Storage Tank System
SI Design:	001
SI Description:	Not reported
Compartment Number:	1
Substance:	Diesel
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1901-01-01 00:00:00
Material:	Bare/Paint/Asph Coat Steel

WARNER ROAD PROPERTY (Continued) **U003852113**

Status Change Date: 1990-11-12 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 10000
Longitude: -93.05320607
Latitude: 44.95405554
Coord Collection Method: Public Land Survey-Two Quarter
Owner: City Of Saint Paul Public Works
Owner Address: 891 N Dale St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55103
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=112548-TS0014293&programInterest=TS

Item Compart ID: 112548-EQUI0000000002-1
AI ID: 112548
Tank Site ID: TS0014293
Item ID: 112548-EQUI0000000002
SI Type: Underground Storage Tank System
SI Design: 003
SI Description: Not reported
Compartment Number: 1
Substance: Chemical other or unspecified
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1901-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1990-11-12 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 650
Longitude: -93.05320607
Latitude: 44.95405554
Coord Collection Method: Public Land Survey-Two Quarter
Owner: City Of Saint Paul Public Works
Owner Address: 891 N Dale St
Owner City: Saint Paul
Owner State: MN
Owner Zip: 55103
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=112548-TS0014293&programInterest=TS

Item Compart ID: 112548-EQUI0000000003-1
AI ID: 112548
Tank Site ID: TS0014293
Item ID: 112548-EQUI0000000003
SI Type: Underground Storage Tank System
SI Design: 002
SI Description: Not reported
Compartment Number: 1
Substance: Used or waste oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1901-01-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1990-11-12 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported

WARNER ROAD PROPERTY (Continued) **U003852113**

Capacity Gallons:	1000
Longitude:	-93.05320607
Latitude:	44.95405554
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	City Of Saint Paul Public Works
Owner Address:	891 N Dale St
Owner City:	Saint Paul
Owner State:	MN
Owner Zip:	55103
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=112548-TS0014293&programInterest=TS

MN Financial Assurance 1:

PROGRAM ID:	202955
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	201580
Interest Telephone:	6129999999
Preferred ID:	14293
Interest Start Date:	07/23/1992
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	07/23/1992
TMSP Last Update:	09/12/2006 11:08:26
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	202955
Township Name:	White Bear
Region:	1
Interest Type:	Tank site
ADDR ID:	201580
Interest Telephone:	NO CORE PI PH.
Preferred ID:	14293
Interest Start Date:	07/23/1992
Interest End Date:	09/12/2006
Activity Flag:	N
TMSP Added:	09/12/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	224060
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	276113
Township Name:	White Bear
Region:	1

WARNER ROAD PROPERTY (Continued) **U003852113**

Interest Type:	Deleted Leak Site
ADDR ID:	201580
Interest Telephone:	NO CORE PI PH.
Preferred ID:	3519
Interest Start Date:	11/13/1990
Interest End Date:	05/19/1993
Activity Flag:	N
TMSP Added:	07/30/2014
TMSP Last Update:	03/10/2016 18:10:37
Staff ID Last Update:	SFRYE
Source:	CORE
Source ID:	224060
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Old Deleted Data

PROGRAM ID:	276113
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Leak Site
ADDR ID:	201580
Interest Telephone:	Not reported
Preferred ID:	3519
Interest Start Date:	11/24/2003
Interest End Date:	Not reported
Activity Flag:	N
TMSP Added:	11/24/2003
TMSP Last Update:	07/30/2014 16:14:34
Staff ID Last Update:	SFRYE
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Old Deleted Data

Latitude Longitude:

Program Id:	202955
Lat/Long ID:	164834
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	44.47
Longitude Degrees:	-93
Longitude Minutes:	3
Longitude Seconds:	43.55
Collection Date:	03/29/2010 17:52:43
Lat/Long Description:	Not reported
TMSP Added:	03/29/2010 18:43:59
TMSP Last Update:	03/29/2010 18:43:59
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported

WARNER ROAD PROPERTY (Continued) **U003852113**

Source: CORE
Site ID: 224060
Spatial ID: 51420373

Tab Site:
Program Id: 202955
Facility Code: 19
Above or Under Code: 2
Indian Reservation: N
Ust Registration Date: 10/19/1990 00:00:00
Ast Registration Date: Not reported
TMSP Added: 07/23/1992 19:11:05
TMSP Last Update: 05/23/2003 09:21:03
Staff ID Last Update: SYS
Max Monthy Gallons: Not reported
Vapor Recovery Installed: U
Vapor Notif Required: U

Latitude Longitude:
Program Id: 276113
Lat/Long ID: 164834
Latitude Degrees: 44
Latitude Minutes: 56
Latitude Seconds: 44.47
Longitude Degrees: -93
Longitude Minutes: 3
Longitude Seconds: 43.55
Collection Date: 03/29/2010 17:52:43
Lat/Long Description: Not reported
TMSP Added: 03/29/2010 18:43:59
TMSP Last Update: 03/29/2010 18:43:59
Staff ID Last Update: MAPT_NC
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: A1
Map Scale Code: Not reported
Source: CORE
Site ID: 224060
Spatial ID: 69474587

WIMN:
Status: N
Latitude: 44.945686199999997
Longitude: -93.062097699999995
Item ID: 112548-AISI0000112548
AI ID: 112548
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 112548
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported

WARNER ROAD PROPERTY (Continued) **U003852113**

MPCA Program:	Multiple Programs
Program List:	SR; TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	67B
Senate District:	67
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	09/12/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	09/27/2015
User Name of Last Update:	geo_nc
Status Date:	07/30/2014
The Delta Spatial ID:	51420372
Activity:	Multiple Activities
Activity List:	Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0003519; TS0014293
Program List:	Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=112548

WIMN:

Legislative District:	67B
Latitude:	44.94568625
Longitude:	-93.06209771
Activity:	Tank Site
MPCA ID:	14293
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=224060
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

AP229
NW
1/4-1/2
0.499 mi.
2635 ft.

SOLANGE AUTO SERVICES
291 FILLMORE AVE E
ST. PAUL, MN 55107

Site 3 of 3 in cluster AP

RCRA-CESQG 1004728825
MN UST MND071758320
MN Financial Assurance
MN WIMN

Relative: Higher

Actual: 718 ft.

RCRA-CESQG:

Date form received by agency:	01/31/2008
Facility name:	SOLANGE AUTO SERVICES
Facility address:	291 FILLMORE AVE E ST. PAUL, MN 55107
EPA ID:	MND071758320
Contact:	CHA S VANG
Contact address:	291 FILLMORE AVE E ST. PAUL, MN 55107
Contact country:	US
Contact telephone:	651-225-0856
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	SOLANGE AUTO SERVICES
Owner/operator address:	291 FILLMORE AVE E ST. PAUL, MN 55107
Owner/operator country:	US
Owner/operator telephone:	651-225-0856
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/14/1999
Owner/Op end date:	01/31/2008

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

SOLANGE AUTO SERVICES (Continued) **1004728825**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/14/2002
Site name: SOLANGE AUTO SERVICES
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

UST:
Item Compart ID: 111938-EQUI0000000001-1
AI ID: 111938
Tank Site ID: TS0020752
Item ID: 111938-EQUI0000000001
SI Type: Underground Storage Tank System

SOLANGE AUTO SERVICES (Continued) **1004728825**

SI Design:	001
SI Description:	Not reported
Compartment Number:	1
Substance:	Used or waste oil
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1998-10-14 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	1998-10-14 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	500
Longitude:	Not reported
Latitude:	Not reported
Coord Collection Method:	Not reported
Owner:	Brightbill Auto Service
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=111938-TS0020752&programInterest=TS

MN Financial Assurance 1:

PROGRAM ID:	207726
Township Name:	White Bear
Region:	1
Interest Type:	Tank site
ADDR ID:	206248
Interest Telephone:	NO CORE PI PH.
Preferred ID:	20752
Interest Start Date:	08/28/1998
Interest End Date:	09/14/2006
Activity Flag:	N
TMSP Added:	09/14/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	228161
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

PROGRAM ID:	207726
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	206248
Interest Telephone:	6512249495
Preferred ID:	20752
Interest Start Date:	08/28/1998
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	08/28/1998
TMSP Last Update:	09/14/2006 07:00:21
Staff ID Last Update:	RSUCHAN

SOLANGE AUTO SERVICES (Continued) **1004728825**

Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	123
Comments:	Not reported

Latitude Longitude:

Program Id:	207726
Lat/Long ID:	166035
Latitude Degrees:	44
Latitude Minutes:	56
Latitude Seconds:	37.11
Longitude Degrees:	-93
Longitude Minutes:	4
Longitude Seconds:	43.58
Collection Date:	03/29/2010 17:52:48
Lat/Long Description:	Not reported
TMSP Added:	03/29/2010 18:44:45
TMSP Last Update:	03/29/2010 18:44:45
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	228161
Spatial ID:	51430214

Tab Site:

Program Id:	207726
Facility Code:	44
Above or Under Code:	2
Indian Reservation:	N
Ust Registration Date:	08/19/1999 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	08/28/1998 13:42:02
TMSP Last Update:	05/23/2003 09:21:04
Staff ID Last Update:	SYS
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	U
Vapor Notif Required:	U

WIMN:

Status:	N
Latitude:	44.943642599999997
Longitude:	-93.078772900000004
Item ID:	111938-AISI0000111938
AI ID:	111938
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	111938
Subject Item Category Description:	Agency Interest

SOLANGE AUTO SERVICES (Continued) **1004728825**

Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Tanks
Program List:	TL
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/07/2016
Timestamp of Creation:	09/14/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/07/2016
User Name of Last Update:	geo_nc
Status Date:	09/14/2006
The Delta Spatial ID:	51430213
Activity:	Underground Tanks
Activity List:	Underground Tanks
MPCA ID:	TS0020752
MPCA List:	TS0020752
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=111938

WIMN:

Legislative District:	65B
Latitude:	44.94364259
Longitude:	-93.07877292
Activity:	Tank Site
MPCA ID:	20752
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=228161
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Legislative District:	65B
Latitude:	44.94364259
Longitude:	-93.07877292

SOLANGE AUTO SERVICES (Continued) **1004728825**

Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND071758320
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=63969
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Status:	Y
Latitude:	44.943557300000002
Longitude:	-93.079285200000001
Item ID:	49696-AISI0000049696
AI ID:	49696
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	49696
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Hazardous Waste
Program List:	HW
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	06/12/2000
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	52299
Activity:	Hazardous Waste, Very small quantity generator
Activity List:	Hazardous Waste, Very small quantity generator
MPCA ID:	MNR000020461

SOLANGE AUTO SERVICES (Continued) **1004728825**

MPCA List: MNR000020461
Program List: Hazardous Waste
Classification: General Automotive Repair
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=49696

WIMN:
Legislative District: 65B
Latitude: 44.94364259
Longitude: -93.07877292
Activity: Tank Site
MPCA ID: 20752
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=228161
Coordinate Collection Method: Address Matching House Number
Status: Inactive

Legislative District: 65B
Latitude: 44.94364259
Longitude: -93.07877292
Activity: Hazardous Waste, Small to Minimal QG
MPCA ID: MND071758320
Major Watershed: Mississippi River - Twin Cities
Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=63969
Coordinate Collection Method: Address Matching House Number
Status: Inactive

Status: N
Latitude: 44.943557300000002
Longitude: -93.079285200000001
Item ID: 37392-AISI0000037392
AI ID: 37392
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 37392
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Hazardous Waste
Program List: HW
City, Township or Unorganized code: 239651
City, Township or Unorganized Name: Saint Paul
Congressional District Code: 4
House District: 65B
Senate District: 65
USGS 8-digits: 07010206
USGS 8-digits Name: Mississippi River - Twin Cities
USGS 10-digits: 701020608
USGS 12-digits: 70102060805
USGS 12-digits Name: Harriet Island-Mississippi River
MDH Drinking Water Management Code: Not reported
MDH Drinking Water Management Name: Not reported
Location Description: Not reported
Township, Range, Direction, Section QQ: Not reported
PLS Township: Not reported
Range: Not reported

SOLANGE AUTO SERVICES (Continued) **1004728825**

Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	10/14/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	01/31/2008
The Delta Spatial ID:	47903
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MND071758320
MPCA List:	MND071758320
Program List:	Hazardous Waste
Classification:	Automotive Body, Paint, and Interior Repair and Maintenance
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=37392

WIMN:

Legislative District:	65B
Latitude:	44.94364259
Longitude:	-93.07877292
Activity:	Tank Site
MPCA ID:	20752
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=228161
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

Legislative District:	65B
Latitude:	44.94364259
Longitude:	-93.07877292
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND071758320
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=63969
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

230
WNW
1/2-1
0.780 mi.
4118 ft.

AMDURA
68 S ROBERT ST
SAINT PAUL, MN 55107

MN SHWS **S101574935**
MN SRS **N/A**
MN DEL PLP
MN LS
MN WIMN

Relative:
Higher

Actual:
717 ft.

SHWS:

Facility Id:	SR94
Item ID:	201519-AREA0000000001
AI ID:	201519
AI Name:	Amdura
Site Type:	Superfund Site
Hydro:	Rick Jolley (former)

AMDURA (Continued) **S101574935**

Project Manager:	Dale Trippler (no longer at MPCA)
Latitude:	44.94226074
Longitude:	-93.08506012
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=201519
Leak Discovered Date:	Not reported
Leak Reported Date:	Not reported
Application / Notification Received:	12/11/1980
Site Listed on PLP:	12/30/1988
Site Delisted from PLP:	06/30/1994
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

SHWS:

Facility ID:	SR94
Facility Address 2:	Not reported
Core Program Interest ID:	336006
Link ID:	453
Site Type:	Other
Active?:	False
MPCA Region:	Metro
Site Size:	Not reported
Score:	0
Enforcement Lead Agency:	MPCA
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	True
District:	Metro
Program Site Was Referred From:	SA
Program Interest:	SF
Physical Location:	None
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Site has been delisted from the PLP. All remediation has been completed and the site has been cleaned up to unrestricted access criteria.
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	Dale Trippler
Created Date:	08/01/1993
Last Update Date:	07/19/2000
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	MND006166375
MPCA ID:	Not reported

AMDURA (Continued) **S101574935**

Basin code:	2
Major water:	20
Minor water:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	6512825988
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2000-05-05 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3320

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-08-10 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3294

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1998-08-10 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F

AMDURA (Continued) **S101574935**

Staff Id Num: 3429

Contact Info:
Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 3
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: RAL (Recommended Allowable Limit)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-11-16 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 300
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SLV (Soil Leaching Value)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-11-16 00:00:00

Contaminant Id: 1
Contaminated Media: 1
Req Cleanup Concluded: 1.1
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: RAL (Recommended Allowable Limit)
Max Residual Contamination: Not reported
Date Info Last Updated: 1998-11-16 00:00:00

SIte Event Log:
Date Started: Not reported
Date End: 1989-02-28 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-07-22 00:00:00
Facid: SR94
Event: 1
Additional Information: None
Record Number: 5188

Date Started: 1993-08-01 00:00:00
Date End: 1994-05-01 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 1998-07-22 00:00:00
Facid: SR94
Event: 1
Additional Information: None
Record Number: 5189

Date Started: 1988-12-30 00:00:00
Date End: 1994-06-30 00:00:00
Planned Start Date: Not reported
Planned End Date: Not reported
Last Update: 2004-07-15 00:00:00
Facid: SR94
Event: 1
Additional Information: A default DAY (the 30th) was used; month is correct

AMDURA (Continued) **S101574935**

Record Number:	21784
Date Started:	1980-12-11 00:00:00
Date End:	Not reported
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2015-04-17 00:00:00
Facid:	SR94
Event:	1
Additional Information:	None Entered
Record Number:	40558

Impact and Response Actions:

Facid:	SR94
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	3158
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	3158
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	1992
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	1998-11-16 00:00:00

AMDURA (Continued) **S101574935**

Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SRS:

Facility ID:	SR0000094
Item ID:	201519-AREA0000000001
AI ID:	201519
AI Name:	Amdura
Facility Type:	Superfund Site
Hydro:	Rick Jolley (former)
Project Manager:	Dale Trippler (no longer at MPCA)
Latitude:	44.94226074
Longitude:	-93.08506012
Coord Collection Method:	Digitized-DRG
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=201519
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	12/11/1980
Site Listed on PLP:	12/30/1988
Site Delisted from PLP:	06/30/1994
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	06/01/1994
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW19930001
Act Desc:	Superfund Investigation/Cleanup
Status:	Not reported

Facility:

Facility Id:	201519
Site Id:	SR0000094
Program Id:	Not reported
Leak Id:	Not reported
Link Id:	Not reported
EPA Id:	Not reported
Region:	Not reported
EPA Region:	Not reported
On NPL:	Not reported

AMDURA (Continued) **S101574935**

Score:	Not reported
Priority 1:	Not reported
Description1:	Not reported
Description2:	Not reported
Current Status:	Not reported
NPL Status:	Not reported
Release Date:	Not reported
Released Qty:	Not reported
Cleaned Date:	Not reported
Chemical:	Not reported
Date Rem/Delisted:	Not reported
Non NPL Status:	Not reported
Assigned Staff:	Not reported
Date Listed:	12/30/1988
Date Delisted:	06/30/1994

MN LS:

Link ID:	453
EPA ID:	MND006166375
MPCA ID:	SR94
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	Yes
Voluntary Cleanup & Investigation:	No
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	PLP

WIMN:

Status:	Y
Latitude:	44.942259479999997
Longitude:	-93.085058680000003
Item ID:	201519-AISI0000201519
AI ID:	201519
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	201519
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65

AMDURA (Continued) **S101574935**

USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Center of Site
Township, Range, Direction, Section QQ:	02822205bc
PLS Township:	28
Range:	22
Range Direction:	W
Section:	5
Quarters:	bc
Collection Method Code:	I1
Method Description:	Digitized-DRG
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	50646533
Activity:	Superfund, State Superfund project
Activity List:	Superfund, State Superfund project
MPCA ID:	SR0000094
MPCA List:	SR0000094
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=201519

WIMN:

Legislative District:	65B
Latitude:	44.94226074
Longitude:	-93.08506011
Activity:	Superfund Project
MPCA ID:	SR94
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=172087
Coordinate Collection Method:	Digitized-DRG
Status:	Inactive

231
North
1/2-1
0.820 mi.
4332 ft.

PINTSON COMPRESSING COMPANY COMPRESSED OIL GAS WOR **EDR MGP** **1010679959**
257 COMMERCIAL STREET **N/A**
ST. PAUL, MN 55101

Relative:
Higher

Actual:
734 ft.

Manufactured Gas Plants:
No additional information available

232
West
1/2-1
0.884 mi.
4667 ft.

Relative:
Higher

Actual:
705 ft.

HAAS PROPERTIES
160 S WABASHA ST
SAINT PAUL, MN 55107

MN SHWS **S110241352**
MN VIC **N/A**
MN BROWNFIELDS
MN SRS
MN VAPOR
MN WIMN

SHWS:

Facility Id:	SR1436
Item ID:	24864-AREA0000000002
AI ID:	24864
AI Name:	WJ Haas Manufacturing Co
Site Type:	Superfund Site
Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.93827683
Longitude:	-93.08843282
Coord Collection Method:	Address Matching House Number
Migrated:	N
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864
Leak Discovered Date:	Not reported
Leak Reported Date:	Not reported
Application / Notification Received:	01/19/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported

VIC:

Facility ID:	BF0000495
Facility Type:	Brownfield Site
Item ID:	24864-AREA0000000003
AI ID:	24864
AI Name:	WJ Haas Manufacturing Co
Hydro:	Not reported
Project Manager:	Edward Olson
Latitude:	44.93784923
Longitude:	-93.08764102
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/19/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported

HAAS PROPERTIES (Continued) **S110241352**

Owner ZIP: Not reported

BROWNFIELDS:

Site ID:	BF0000495
Leak Num:	Not reported
Owner Name:	Not reported
Leak Source:	Not reported
Response Action Date:	Not reported
Site Acreage:	Not reported
Item Id:	24864-AREA0000000003
AI ID:	24864
AI Name:	WJ Haas Manufacturing Co
Site type:	Brownfield Site
Hydro:	Not reported
Project Manager:	Edward Olson
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/19/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Latitude:	44.93784923
Longitude:	-93.08764102

SRS:

Facility ID:	SR0001436
Item ID:	24864-AREA0000000002
AI ID:	24864
AI Name:	WJ Haas Manufacturing Co
Facility Type:	Superfund Site
Hydro:	Not reported
Project Manager:	Not reported
Latitude:	44.93827683
Longitude:	-93.08843282
Coord Collection Method:	Address Matching House Number
Migrated:	N
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	01/19/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported

HAAS PROPERTIES (Continued) **S110241352**

Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	1
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20160002
Act Desc:	Superfund Investigation/Cleanup
Status:	Active / Existing

Facility ID:	BF0000495
Item ID:	24864-AREA0000000003
AI ID:	24864
AI Name:	WJ Haas Manufacturing Co
Facility Type:	Brownfield Site
Hydro:	Not reported
Project Manager:	Edward Olson
Latitude:	44.93784923
Longitude:	-93.08764102
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	09/19/2017
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported
Owner:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
Acreage:	0.64
BPET:	Not reported
BVIC:	Y
SEMS:	Not reported
UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20170001
Act Desc:	Brownfield Site
Status:	Active / Existing

VAPOR:

Site ID:	SR0001436
Delta Site ID:	24864
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864
AI Name:	WJ Haas Manufacturing Co

HAAS PROPERTIES (Continued) **S110241352**

Vapor Concern at Site:	Other sites where vapor exceeded standards
Item ID:	24864-AREA0000000002
Site Type:	Superfund Site
Method Desc:	Address Matching House Number
Latitude:	44.93827683
Longitude:	-93.08843282
Site ID:	SR0001436
Delta Site ID:	24864
WIMN Link:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864
AI Name:	WJ Haas Manufacturing Co
Vapor Concern at Site:	Other sites that have had vapor concerns
Item ID:	24864-AREA0000000002
Site Type:	Superfund Site
Method Desc:	Address Matching House Number
Latitude:	44.93827683
Longitude:	-93.08843282

WIMN:

Status:	Y
Latitude:	44.93827683
Longitude:	-93.088432819999994
Item ID:	24864-AISI0000024864
AI ID:	24864
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	24864
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location

HAAS PROPERTIES (Continued) **S110241352**

Location Verified Flag:	N
Collection Date:	09/19/2017
Timestamp of Creation:	07/26/1999
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	09/26/2017
User Name of Last Update:	vsetter
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Multiple Activities
Activity List:	Brownfields, Petroleum Brownfield and Voluntary Investigation and Cleanup; Brownfields, Voluntary Investigation and Cleanup; Hazardous Waste, Minimal quantity generator; Superfund, Superfund Program Non-listed Sites
MPCA ID:	Multiple IDs
MPCA List:	BF0000048; BF0000495; MND985748565; SR0001436
Program List:	Hazardous Waste; Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24864

WIMN:

Legislative District:	65B
Latitude:	44.93827513
Longitude:	-93.08842778
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MND985748565
Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=33048
Coordinate Collection Method:	Address Matching House Number
Status:	Active

233
West
1/2-1
0.943 mi.
4980 ft.

43 EAST WATER STREET SITE
43 E WATER ST
SAINT PAUL, MN 55107

MN SHWS **S108975013**
MN SRS **N/A**
MN DEL PLP
MN LS
MN WIMN

Relative:
Higher

Actual:
709 ft.

SHWS:

Facility Id:	SR338
Item ID:	194957-AREA0000000001
AI ID:	194957
AI Name:	43 East Water Street Site
Site Type:	Superfund Site
Hydro:	Not reported
Project Manager:	Gary Krueger
Latitude:	44.94033714
Longitude:	-93.089018
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194957
Leak Discovered Date:	Not reported
Leak Reported Date:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	10/30/1984
Site Delisted from PLP:	12/30/1987
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	Not reported

43 EAST WATER STREET SITE (Continued) **S108975013**

Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155

SHWS:

Facility ID:	SR338
Facility Address 2:	Not reported
Core Program Interest ID:	337988
Link ID:	6215
Site Type:	Other
Active?:	False
MPCA Region:	Metro
Site Size:	Not reported
Score:	0
Enforcement Lead Agency:	Not reported
Federal Deferral Pilot?:	False
Site Classification A Emergency:	False
Site Classification B O and m:	False
Site Classification C Rd/ra:	False
Site Classification D Ri/fs:	False
Fund Financed:	False
NPL:	False
PLP:	True
District:	Metro
Program Site Was Referred From:	Not reported
Program Interest:	SF
Physical Location:	43 East water street - St. Paul
Natural Resource Damage:	False
Cleanup Cost:	Not reported
Notes:	Not reported
Indian Reservation Land?:	False
Reservation Name:	Not reported
MPCA-owned Wells At Site?:	False
Created By:	GLKrueger
Created Date:	07/25/2000
Last Update Date:	08/22/2007
Federal Facility?:	False
Primary Funding Source:	Not reported
EPA ID:	Not reported
MPCA ID:	Not reported
Basin code:	2
Major water:	20
Minor water:	Not reported
File Location:	Archival Storage
VIC Application GIS:	False
Petroleum Brownfields Prog?:	False

Contacts:

Contact Type:	1
Company Name:	MPCA
Contact Address:	520 Lafayette Rd N
Contact Address 2:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported

43 EAST WATER STREET SITE (Continued) **S108975013**

Contact Phone:	(651) 757-6139
Contact Phone Ext:	Not reported
Contact Fax:	6512969707
Contact E-mail:	gary.krueger@state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	2004-07-22 00:00:00
Misc Contact Info:	Not reported
Receive Invoice:	F
Staff Id Num:	3317

Contact Info:

Contaminant Id:	1
Contaminated Media:	1
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2004-09-03 00:00:00

SIte Event Log:

Date Started:	1984-10-30 00:00:00
Date End:	1987-12-30 00:00:00
Planned Start Date:	Not reported
Planned End Date:	Not reported
Last Update:	2004-07-15 00:00:00
Facid:	SR338
Event:	1
Additional Information:	None Entered
Record Number:	21777

Impact and Response Actions:

Facid:	SR338
GW Recepts Prot by Rem Actn:	Not reported
Ecological receptors present:	1
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	1
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	1
Assurance help:	1

43 EAST WATER STREET SITE (Continued) **S108975013**

Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	1
Restrictive Covenant Present:	1
Restrictions:	Not reported
GW Pump and Treat Used at site:	1
Quaternary Perched:	1
Quaternary Water Table:	1
Quaternary Confined:	1
Cretaceous:	1
Plattville:	1
St. peter:	1
Prairie Duchien:	1
Jordan:	1
Ironton/Galesville:	1
Mt Simon Hinckley:	1
Precambrian Undefferentiated:	1
Other/Unknown Aquifier:	1
Date Info Last Updated:	2004-09-03 00:00:00
Inst Control Info Updated:	2004-09-03 00:00:00
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Not reported
SW Comments:	Not reported

SRS:

Facility ID:	SR0000338
Item ID:	194957-AREA0000000001
AI ID:	194957
AI Name:	43 East Water Street Site
Facility Type:	Superfund Site
Hydro:	Not reported
Project Manager:	Gary Krueger
Latitude:	44.94033714
Longitude:	-93.089018
Coord Collection Method:	Address Matching House Number
Migrated:	Y
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194957
Leak Discovered:	Not reported
Leak Reported:	Not reported
Application / Notification Received:	Not reported
Site Listed on PLP:	10/30/1984
Site Delisted from PLP:	12/30/1987
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Site Closed:	12/30/1987
Owner:	Unknown
Owner Address:	520 Lafayette Rd N
Owner City:	Saint Paul
Owner State:	MN
Owner ZIP:	55155
Acreage:	Not reported
BPET:	Not reported
BVIC:	Not reported
SEMS:	Not reported

43 EAST WATER STREET SITE (Continued) **S108975013**

UNP Dump:	Not reported
IC:	Not reported
HRS Score:	Not reported
Score Year:	Not reported
Activity ID:	SIW20000001
Act Desc:	Superfund Investigation/Cleanup
Status:	Not reported

Facility:

Facility Id:	194957
Site Id:	SR0000338
Program Id:	Not reported
Leak Id:	Not reported
Link Id:	Not reported
EPA Id:	Not reported
Region:	Not reported
EPA Region:	Not reported
On NPL:	Not reported
Score:	Not reported
Priority 1:	Not reported
Description1:	Not reported
Description2:	Not reported
Current Status:	Not reported
NPL Status:	Not reported
Release Date:	Not reported
Released Qty:	Not reported
Cleaned Date:	Not reported
Chemical:	Not reported
Date Rem/Delisted:	Not reported
Non NPL Status:	Not reported
Assigned Staff:	Not reported
Date Listed:	10/30/1984
Date Delisted:	12/30/1987

MN LS:

Link ID:	6215
EPA ID:	Not reported
MPCA ID:	SR338
Method:	A1
CERCLIS:	No
National Priorities List:	No
PLP:	Yes
Voluntary Cleanup & Investigation:	No
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No
No Further Remedial Action Planned:	No
Delisted From PLP By MPCA:	No
LCP:	No
Brownfield:	No
Entity Type:	PLP

WIMN:

Status:	Y
Latitude:	44.940181500000001

43 EAST WATER STREET SITE (Continued) **S108975013**

Longitude:	-93.089357100000001
Item ID:	194957-AISI0000194957
AI ID:	194957
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	194957
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Investigation and Cleanup
Program List:	SR
City, Township or Unorganized code:	239651
City, Township or Unorganized Name:	Saint Paul
Congressional District Code:	4
House District:	65B
Senate District:	65
USGS 8-digits:	07010206
USGS 8-digits Name:	Mississippi River - Twin Cities
USGS 10-digits:	701020608
USGS 12-digits:	70102060805
USGS 12-digits Name:	Harriet Island-Mississippi River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	Not reported
PLS Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	11/09/2005
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	50648052
Activity:	Superfund, State Superfund project
Activity List:	Superfund, State Superfund project
MPCA ID:	SR0000338
MPCA List:	SR0000338
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=194957

WIMN:

Legislative District:	65B
Latitude:	44.94018153
Longitude:	-93.08935716
Activity:	Superfund Project
MPCA ID:	SR338

43 EAST WATER STREET SITE (Continued) **S108975013**

Major Watershed:	Mississippi River - Twin Cities
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=173623
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

234
NW
1/2-1
0.993 mi.
5241 ft.

ST. PAUL GAS MFG SITE **EDR MGP** **1008408187**
OLIVE ST BTWN 4TH AND 5TH STS **N/A**
ST. PAUL, MN 55101

Relative:
Higher

Actual:
729 ft.

Manufactured Gas Plants:
No additional information available

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAINT PAUL	S115794385	HOLMAN FIELD	DOWTOWN ST PAUL AIRPORT		MN RGA LUST
SAINT PAUL	1023457690	HOLMAN FIELD	DOWTOWN SAINT PAUL AIRPORT	55107	FINDS
ST. PAUL	1003871987	BURLINGTON NORTHERN DAYTONS BLUFF	WARNER RD	55106	SEMS-ARCHIVE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

MN PLP: Permanent List of Priorities

The list identifies hazardous waste sites where investigation and cleanup are needed, cleanup is underway, or cleanup has been completed and long-term monitoring or maintenance continues.

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

SHWS: Superfund Site Information Listing

The SRS database includes all sites that the State Superfund Program is dealing with or has dealt with. The Superfund Program identifies, investigates and determines appropriate cleanup plans for abandoned or uncontrolled hazardous waste sites where a release or potential release of a hazardous substance poses a risk to human health or the environment.

Date of Government Version: 06/01/2018
Date Data Arrived at EDR: 06/07/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 47

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

UNPERM LF: Unpermitted Facilities

These are facilities that have solid waste disposal yet are not permitted.

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Pollution Control Agency
Telephone: 651-757-2665
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

SWF/LF: Permitted Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-296-7276
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

LCP: Closed Landfills Priority List

The Minnesota Legislature enacted a law to manage and clean up the state's closed Mixed Municipal Solid Waste Landfills. Under that law, the MPCA is required to create and periodically revise a priority list of qualified landfills, based on the relative health and environmental risks they present. The MPCA established the first such priority list in December, 1994.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 45

Source: Minnesota Pollution Control Agency
Telephone: 651-296-9543
Source: Pollution Control Agency, GIS Section
Telephone: 651-296-7266
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

LUST: Leak Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-296-0930
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Site Remediation Section Database

Sites that have an Institutional Control event.

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Pollution Control Agency
Telephone: 512-296-6300
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VIC: Voluntary Investigation and Cleanup Program
Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Minnesota Pollution Control Agency
Telephone: 651-296-7291
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Petroleum Brownfields Program Sites
Purchasing, selling, or developing property can present a special set of obstacles if the property is contaminated with chemicals. The Petroleum Brownfields Program is one of several programs within the Minnesota Pollution Control Agency (MPCA) designed to help people address these obstacles. The purpose of the Petroleum Brownfields Program is to provide the technical assistance and liability assurance needed to expedite and facilitate the development, transfer, investigation and/or cleanup of property that is contaminated with petroleum.

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Pollution Control Agency
Telephone: 651-296-7999
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities
A listing of companies that accept commercial quantities of recyclable materials.

Date of Government Version: 09/22/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 10

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

SRS: Site Remediation Section Database
The database contains site information for sites monitored by the Site Remediation Section.

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29
Source: Pollution Control Agency
Telephone: 651-282-5988
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

CDL: Clandestine Drug Labs

This data was passively gathered. That is, the DOH asks law enforcement and other agencies to notify them of Clandestine Drug Labs (CDLs). They do not require reporting of events. Therefore the data represents only a subset of all CDLs. This data has not been verified. The DOH has made no attempt to verify that reported CDLs actually occurred. They have no knowledge if the CDL was involved in cooking or just consisted of chemicals associated with Meth production. The reports they receive are that a suspected CDL was seized.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 21

Source: Department of Health
Telephone: 651-215-5800
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

MN DEL PLP: Delisted Permanent List of Priorities

This generally means that either no more cleanup at a site is needed or that no state superfund funding is needed for long term monitoring activities.

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens

Sites included in the Site Remediation System Database that have Environmental Liens.

Date of Government Version: 02/16/2016
Date Data Arrived at EDR: 03/09/2016
Date Made Active in Reports: 04/06/2016
Number of Days to Update: 28

Source: Pollution Control Agency
Telephone: 602-282-5988
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

SPILLS: Spills Database

Spills reported to the Pollution Control Agency.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 23

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

AG SPILLS: Department of Agriculture Spills

This data is a list of pesticide/fertilizer incidents reported to have occurred in Minnesota.

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/28/2018
Number of Days to Update: 21

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/20/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/28/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 09/11/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 30

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

AGVIC: Agricultural Voluntary Investigation & Cleanup Listing

A listing of agricultural voluntary investigation & cleanup site locations.

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/28/2018
Number of Days to Update: 21

Source: Department of Agriculture
Telephone: 651-201-6400
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Permit Contact List
A listing of permitted AIRS facilities.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 62

Source: Pollution Control Agency
Telephone: 651-296-7351
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing
Asbestos sites

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 08/28/2018
Number of Days to Update: 26

Source: Department of Health
Telephone: 651-201-4620
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

BULK: Bulk Facilities Database
Facilities that use bulk pesticides and fertilizers

Date of Government Version: 08/06/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 03/07/2017
Number of Days to Update: 25

Source: Pollution Control Agency
Telephone: 651-757-2740
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities
A listing of coin-operated laundries and drycleaning; drycleaning plants, except rug cleaning; and industrial launderers.

Date of Government Version: 06/14/2018
Date Data Arrived at EDR: 06/14/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 40

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

ENFORCEMENT: Generators Associated with Enforcement Logs
Regulatory Compliance, Hazardous Waste Enforcement Log and Hazardous Waste Permit Unit Project Identification List.

Date of Government Version: 06/26/2018
Date Data Arrived at EDR: 06/29/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 25

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8332
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/10/2016
Date Made Active in Reports: 11/02/2016
Number of Days to Update: 84

Source: Pollutiona Control Agency
Telephone: 651-297-8220
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information listing
A listing of financial assurance information for solid waste facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 09/07/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 28

Source: Pollution Control Agency
Telephone: 651-296-6066
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 09/07/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 28

Source: Pollution Control Agency
Telephone: 651-296-7258
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

MN HWS PERMIT: Active TSD Facilities
Active TSD Facilities.

Date of Government Version: 09/08/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 23

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8470
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

LEAD: Lead Inspection Listing
Lead inspections

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 13

Source: Department of Health
Telephone: 651-201-4137
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest data.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 02/07/2017
Date Made Active in Reports: 04/05/2017
Number of Days to Update: 57

Source: Pollution Control Agency
Telephone: 651-296-7258
Last EDR Contact: 09/14/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

MDA LIS: Licensing Information System Database Listing
Information provided lists all individuals or companies who hold licenses, certificates and/or permits required by state law and regulated by the Department. Additionally, the LIS lists all companies who must register products with the Department before being used or sold in commercial channels within our state.

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 23

Source: Department of Agriculture
Telephone: 651-201-6000
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

LS: List of Sites

The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory (METRO), 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP).

Date of Government Version: 04/22/2009
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 10

Source: Minnesota Pollution Control Agency
Telephone: 651-297-2731
Source: Pollution Control Agency, GIS Section
Telephone: 651-297-2731
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/06/2018
Number of Days to Update: 30

Source: Department of Public Safety
Telephone: 651-296-2233
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

VAPOR: Vapor Intrusion

A listing of sites with potential or identified vapor risk. Vapor intrusion occurs when chemical vapors migrate from a source of contamination through the soil into the basements or foundations of buildings. These chemical vapors can sometimes pose risks to human health.

Date of Government Version: 09/07/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 24

Source: Pollution Control Agency
Telephone: 651-757-2040
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

WIMN: What's In My Neighborhood

Since 2003, the PCA's "What's in My Neighborhood?" database provides information about air quality, hazardous waste, remediation, solid waste, tanks and leaks, and water quality around Minnesota.

Date of Government Version: 07/07/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 50

Source: Pollution Control Agency
Telephone: 651-757-2593
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

NPDES: Wastewater Permits Listing

A listing of facilities that have a wastewater permit.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 23

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Minnesota Pollution Control Agency in Minnesota.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Minnesota Pollution Control Agency in Minnesota.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Minnesota Pollution Control Agency in Minnesota.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Centers
Source: Department of Human Services
Telephone: 651-296-3971

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Land Management Information Center
Telephone: 617-297-3281

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HOLMAN FIELD
206 AIRPORT ROAD
SAINT PAUL, MN 55107

TARGET PROPERTY COORDINATES

Latitude (North):	44.939868 - 44° 56' 23.52''
Longitude (West):	93.069707 - 93° 4' 10.95''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	494500.1
UTM Y (Meters):	4976056.0
Elevation:	700 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5964255 SAINT PAUL EAST, MN
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

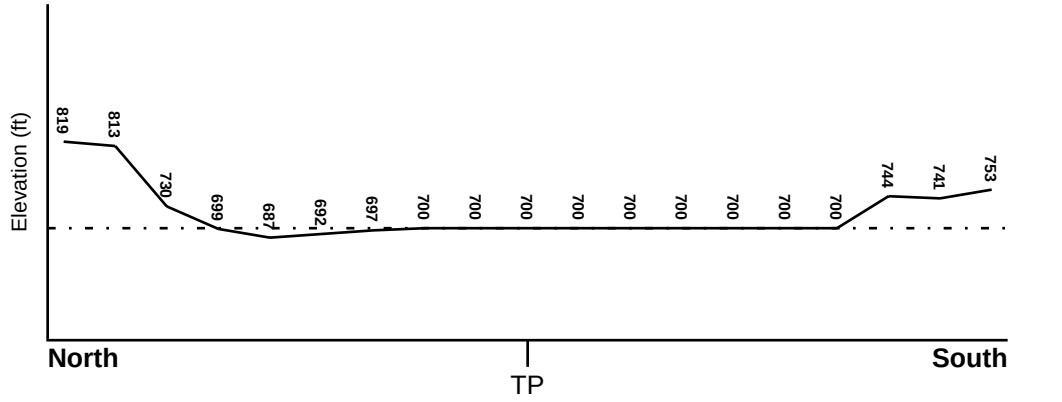
TOPOGRAPHIC INFORMATION

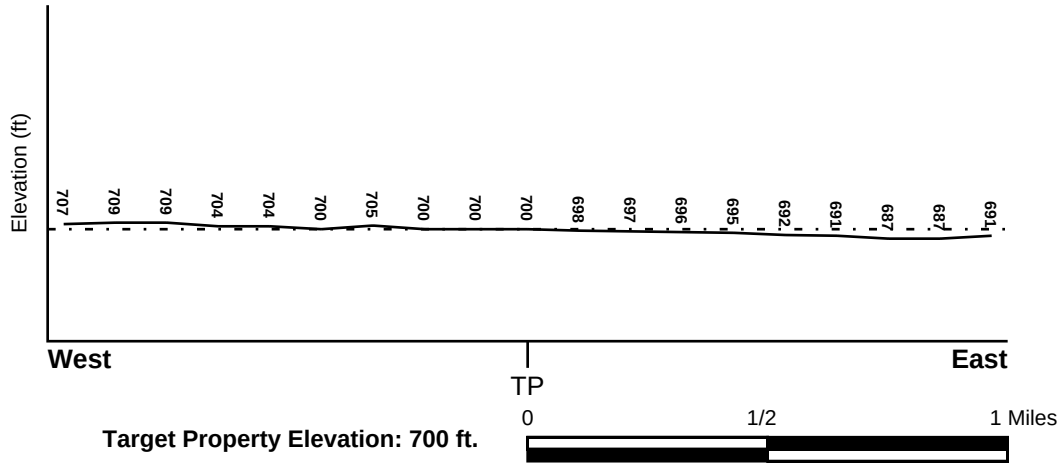
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 700 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
27123C0104G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
27123C0108G	FEMA FIRM Flood data
27037C0041E	FEMA FIRM Flood data
27123C0112G	FEMA FIRM Flood data
27123C0116H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAINT PAUL EAST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles East
Site Name:	Pigs Eye Ldfl
Site EPA ID Number:	MND980609085
Surficial Aquifer Flow Dir.:	S AND SW TOWARD THE MISSISSIPPI RIVER AND PIG'S EYE LAKE.
Measured Depth to Water:	a surface elevation of approximately 690 feet.
Hydraulic Connection:	The unconsolidated deposits above bedrock include fill, peat, and sandy to silty clay lenses. The depth to bedrock is 20 feet on the eastern side of the site and 100 feet on the western side of the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	1/8 - 1/4 Mile North	ESE
A3	1/8 - 1/4 Mile North	SSE
4	1/8 - 1/4 Mile NNE	NE
5	1/8 - 1/4 Mile SW	N
B7	1/4 - 1/2 Mile ENE	Varies
B12	1/4 - 1/2 Mile ENE	Not Reported
B13	1/4 - 1/2 Mile ENE	NE
14	1/4 - 1/2 Mile WNW	NW, NE
15	1/2 - 1 Mile WSW	N
16	1/2 - 1 Mile West	ESE
17	1/2 - 1 Mile SE	Not Reported
E30	1/2 - 1 Mile WSW	Not Reported
31	1/2 - 1 Mile West	N
G32	1/2 - 1 Mile West	Not Reported
33	1/2 - 1 Mile West	Not Reported
H36	1/2 - 1 Mile SW	NE
J39	1/2 - 1 Mile West	Not Reported
42	1/2 - 1 Mile West	Not Reported
43	1/2 - 1 Mile WSW	S
44	1/2 - 1 Mile ENE	WNW
L49	1/2 - 1 Mile WSW	Not Reported
54	1/2 - 1 Mile NNW	Not Reported
O56	1/2 - 1 Mile WSW	NNE
57	1/2 - 1 Mile NW	SE
P59	1/2 - 1 Mile NW	Not Reported
Q61	1/2 - 1 Mile West	Varies
65	1/2 - 1 Mile North	S, SW
1G	1/2 - 1 Mile North	S, SW
2G	1/2 - 1 Mile NNW	Not Reported
3G	1/2 - 1 Mile NW	SE
4G	1/2 - 1 Mile NW	Not Reported
5G	1/2 - 1 Mile ENE	WNW
6G	1/4 - 1/2 Mile ENE	NE
7G	1/4 - 1/2 Mile ENE	Not Reported
8G	1/4 - 1/2 Mile ENE	Varies
9G	1/8 - 1/4 Mile NNE	NE
10G	1/8 - 1/4 Mile North	SSE
11G	1/8 - 1/4 Mile North	ESE
12G	1/4 - 1/2 Mile WNW	NW, NE
13G	1/2 - 1 Mile West	Not Reported
15G	1/2 - 1 Mile West	ESE
16G	1/2 - 1 Mile West	Not Reported
17G	1/2 - 1 Mile West	Varies
18G	1/2 - 1 Mile West	N
19G	1/2 - 1 Mile WSW	N
20G	1/2 - 1 Mile West	Not Reported
21G	1/8 - 1/4 Mile SW	N
22G	1/2 - 1 Mile West	Not Reported
23G	1/2 - 1 Mile WSW	NNE
24G	1/2 - 1 Mile WSW	S
25G	1/2 - 1 Mile WSW	Not Reported
26G	1/2 - 1 Mile SE	Not Reported
27G	1/2 - 1 Mile WSW	Not Reported
28G	1/2 - 1 Mile SW	NE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Ordovician
Series:	Lower Ordovician (Canadian)
Code:	O1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	CHASKA
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.
Soil Drainage Class:	Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	8 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Organic Clay or Organic Silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.60
2	8 inches	38 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.80 Min: 7.40
3	38 inches	60 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam
fine sandy loam
loamy fine sand
loam

Surficial Soil Types: silty clay loam
fine sandy loam
loamy fine sand
loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: silty clay loam
coarse sand
loamy sand
loam
clay loam
sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C10	USGS40000510609	1/4 - 1/2 Mile North
D18	USGS40000510530	1/2 - 1 Mile WNW
E20	USGS40000509996	1/2 - 1 Mile SW
E21	USGS40000509997	1/2 - 1 Mile SW
D25	USGS40000510542	1/2 - 1 Mile WNW
F26	USGS40000510062	1/2 - 1 Mile WSW
G29	USGS40000510202	1/2 - 1 Mile WSW
I37	USGS40000510182	1/2 - 1 Mile ESE
K46	USGS40000509807	1/2 - 1 Mile SW
M51	USGS40000510393	1/2 - 1 Mile West
N53	USGS40000510489	1/2 - 1 Mile ENE
60	USGS40000510722	1/2 - 1 Mile WNW
62	USGS40000510787	1/2 - 1 Mile NE
R64	USGS40000510681	1/2 - 1 Mile WNW
R68	USGS40000510641	1/2 - 1 Mile WNW
71	USGS40000511097	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L48	MN5620207	1/2 - 1 Mile SW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

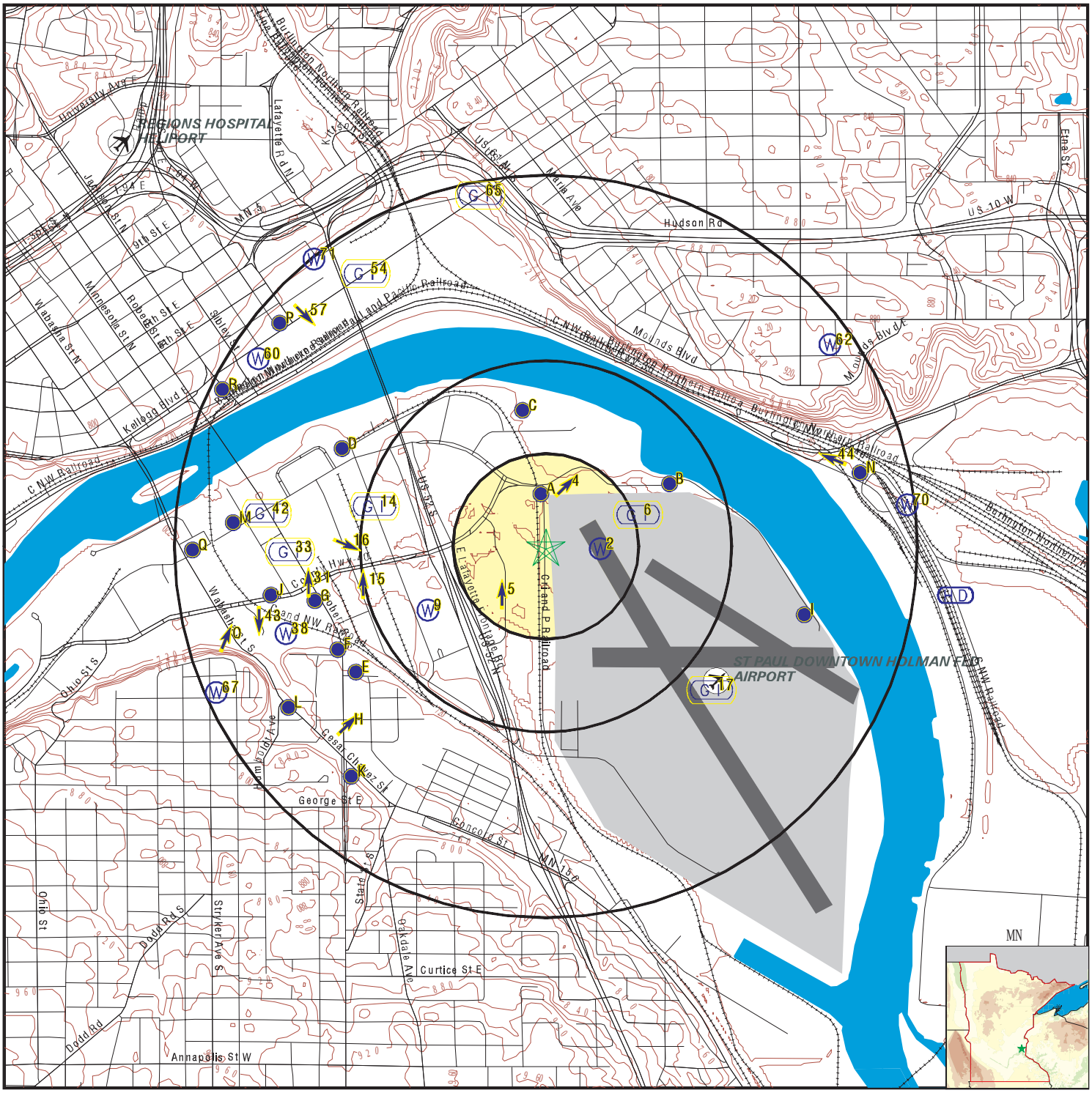
MAP ID	WELL ID	LOCATION FROM TP
2	MN6000000268781	1/8 - 1/4 Mile East
C8	MN6000000070756	1/4 - 1/2 Mile North
9	MN6000000117094	1/4 - 1/2 Mile WSW
C11	MN6000000090084	1/4 - 1/2 Mile North
D19	MN6000000090380	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E22	MN6000000178091	1/2 - 1 Mile SW
E23	MN6000000295280	1/2 - 1 Mile WSW
D24	MN6000000108874	1/2 - 1 Mile WNW
F27	MN6000000115319	1/2 - 1 Mile WSW
G28	MN6000000115318	1/2 - 1 Mile WSW
H34	MN6000000154075	1/2 - 1 Mile SW
I35	MN6000000056968	1/2 - 1 Mile ESE
38	MN6000000050662	1/2 - 1 Mile WSW
J40	MN6000000262813	1/2 - 1 Mile West
J41	MN6000000264208	1/2 - 1 Mile West
K45	MN6000000266848	1/2 - 1 Mile SW
K47	MN6000000040658	1/2 - 1 Mile SW
M50	MN6000000022506	1/2 - 1 Mile West
N52	MN6000000047852	1/2 - 1 Mile ENE
O55	MN6000000052910	1/2 - 1 Mile WSW
O58	MN6000000160795	1/2 - 1 Mile WSW
P63	MN6000000138476	1/2 - 1 Mile NW
Q66	MN6000000060761	1/2 - 1 Mile West
67	MN6000000161570	1/2 - 1 Mile WSW
R69	MN6000000054885	1/2 - 1 Mile WNW
70	MN6000000052490	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 5454377.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data

SITE NAME:	Holman Field	CLIENT:	AECOM
ADDRESS:	206 Airport Road Saint Paul MN 55107	CONTACT:	Brittany Kirchmann
LAT/LONG:	44.939868 / 93.069707	INQUIRY #:	5454377.2s
		DATE:	October 16, 2018 9:08 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
A1 **North** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5349 ESE 7 Not Reported Not Reported 07/13/1992	**AQUIFLOW**	**36523**

2
East
1/8 - 1/4 Mile
Lower

MN WELLS **MN6000000268781**

Well ID:	0000565297	Original Owner:	P3 MAC
Well Elevation:	700	Well Status:	Active
Well Use:	Piezometer	Drill Depth:	25
Completion Depth:	25	Date Completed:	20100506
Casing Diameter:	2	Casing Depth:	2.5
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	Not Reported	Bottom Open Strat Unit:	Not Reported
Aquifer:	Not Reported	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	4.40000009536743

			Database	EDR ID Number
A3 **North** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	6985 SSE 15.08 16.32 Not Reported 05/05/1995	**AQUIFLOW**	**23761**

			Database	EDR ID Number
4 **NNE** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4502 NE 10 11.7 Not Reported 03/30/1992	**AQUIFLOW**	**29296**

			Database	EDR ID Number
5 **SW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8219 N 8.8 15.96 Not Reported 04/24/1995	**AQUIFLOW**	**30091**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
6 **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4370 Not Reported 12 Not Reported Not Reported 05/1993	**AQUIFLOW**	**25535**
B7 **ENE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5572 Varies 4.69 16.70 Not Reported 05/1994	**AQUIFLOW**	**29983**

C8
North
1/4 - 1/2 Mile
Lower

MN WELLS **MN6000000070756**

Well ID:	0000664195	Original Owner:	SEMPLE, TERRY
Well Elevation:	698	Well Status:	Active
Well Use:	Domestic	Drill Depth:	280
Completion Depth:	280	Date Completed:	20020104
Casing Diameter:	6	Casing Depth:	238
Grouted:	Y	Dist from Potential Contamination:	60
Direction to Potential Contamination:	W	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	92	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Jordan Sandstone		
Bottom Open Strat Unit:	Jordan Sandstone		
Aquifer:	Jordan	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	-6

9
WSW
1/4 - 1/2 Mile
Higher

MN WELLS **MN6000000117094**

Well ID:	0000603151	Original Owner:	MW-1
Well Elevation:	710	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	21
Completion Depth:	21	Date Completed:	19971020
Casing Diameter:	2	Casing Depth:	11
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand +larger-brown		
Bottom Open Strat Unit:	sand +larger-brown		
Aquifer:	Quat. Water Table Aquifer		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

C10
North
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000510609**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05ABDDDB01	0000200008	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Prairie Du Chien Group	Aquifer Type:	Not Reported
Construction Date:	19720628	Well Depth:	125
Well Depth Units:	ft	Well Hole Depth:	125
Well Hole Depth Units:	ft		

C11
North
1/4 - 1/2 Mile
Lower

MN WELLS **MN6000000090084**

Well ID:	0000200008	Original Owner:	KOCH REFINING COMPANY
Well Elevation:	700	Well Status:	Active
Well Use:	Industrial	Drill Depth:	125
Completion Depth:	125	Date Completed:	19720628
Casing Diameter:	6	Casing Depth:	80
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	75	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Prairie Du Chien Group		
Well Cuttings:	Y	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	9		

B12
ENE
1/4 - 1/2 Mile
Higher

AQUIFLOW **30035**

Site ID:	935
Groundwater Flow:	Not Reported
Shallow Water Depth:	7.5
Deep Water Depth:	11.7
Average Water Depth:	Not Reported
Date:	03/01/1989

B13
ENE
1/4 - 1/2 Mile
Higher

AQUIFLOW **29939**

Site ID:	1542
Groundwater Flow:	NE
Shallow Water Depth:	12.4
Deep Water Depth:	12.5
Average Water Depth:	12.45
Date:	03/21/1992

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
14 **WNW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2921 NW, NE 14.96 19.86 Not Reported 04/13/1994	**AQUIFLOW**	**30083**
15 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4482 N 8 11 Not Reported 09/1992	**AQUIFLOW**	**29825**
16 **West** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3741 ESE 9.49 14.98 Not Reported 12/27/1990	**AQUIFLOW**	**30337**
17 **SE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9175 Not Reported Not Reported Not Reported 12 04/01/1996	**AQUIFLOW**	**36471**

D18
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000510530**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05BDBCBD01	0000501053	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Glacial Surficial Sand and/or Gravel		
Aquifer Type:	Unconfined single aquifer	Construction Date:	19890623
Well Depth:	24	Well Depth Units:	ft
Well Hole Depth:	27	Well Hole Depth Units:	ft

D19
WNW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000090380**

Well ID:	0000501053	Original Owner:	AMDURA CORPORATION MW-18
Well Elevation:	706	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	27
Completion Depth:	24	Date Completed:	19890623

Casing Diameter:	2	Casing Depth:	14
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand +larger-brown		
Bottom Open Strat Unit:	sand +larger-brown		
Aquifer:	Quat. Water Table Aquifer		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	20		

E20
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000509996**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05CDCCCA01	0000200005	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Jordan Sandstone	Aquifer Type:	Not Reported
Construction Date:	19621200	Well Depth:	342
Well Depth Units:	ft	Well Hole Depth:	342
Well Hole Depth Units:	ft		

E21
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000509997**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05CDCCCA02	0000200006	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19330100	Well Depth:	363
Well Depth Units:	ft	Well Hole Depth:	363
Well Hole Depth Units:	ft		

E22
SW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000178091**

Well ID:	0000200006	Original Owner:	PETERS SAUSAGE CO.
Well Elevation:	740	Well Status:	Inactive
Well Use:	Commercial	Drill Depth:	363
Completion Depth:	363	Date Completed:	19330100
Casing Diameter:	8	Casing Depth:	104
Grouted:	Not Reported	Dist from Potential Contamination:	0

Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	99	First Stratigraphic Unit:	St.Peter Sandstone
Last Stratigraphic Unit:	St.Lawrence Formation		
Bottom Open Strat Unit:	St.Lawrence Formation		
Aquifer:	Multiple	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	40

E23
WSW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000295280**

Well ID:	0000200005	Original Owner:	PETERS MEAT PRODUCTS
Well Elevation:	740	Well Status:	Active
Well Use:	Commercial	Drill Depth:	342
Completion Depth:	342	Date Completed:	19621200
Casing Diameter:	10	Casing Depth:	265
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	108	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	St.Lawrence Formation		
Bottom Open Strat Unit:	Jordan Sandstone		
Aquifer:	Jordan	Well Cuttings:	Y
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	44

D24
WNW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000108874**

Well ID:	0000501051	Original Owner:	AMDURA CORPORATION MW-17
Well Elevation:	707	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	27
Completion Depth:	24	Date Completed:	19890722
Casing Diameter:	2	Casing Depth:	14
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand +larger-brown		
Bottom Open Strat Unit:	sand +larger-brown		
Aquifer:	Quat. Water Table Aquifer		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D25
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000510542**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05BDBCBC01	0000501051	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Glacial Surficial Sand and/or Gravel		
Aquifer Type:	Unconfined single aquifer	Construction Date:	19890722
Well Depth:	24	Well Depth Units:	ft
Well Hole Depth:	27	Well Hole Depth Units:	ft

F26
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000510062**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05CCACCC01	0000200009	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Prairie Du Chien Group	Aquifer Type:	Not Reported
Construction Date:	19670606	Well Depth:	191
Well Depth Units:	ft	Well Hole Depth:	191
Well Hole Depth Units:	ft		

F27
WSW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000115319**

Well ID:	0000200009	Original Owner:	CERTIFIED CONCRETE CO.
Well Elevation:	708	Well Status:	Active
Well Use:	Industrial	Drill Depth:	191
Completion Depth:	191	Date Completed:	19670606
Casing Diameter:	8	Casing Depth:	101
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	34	First Stratigraphic Unit:	St.Peter Sandstone
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Prairie Du Chien Group		
Well Cuttings:	Y	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	21		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
G28 **WSW** **1/2 - 1 Mile** **Higher**	**MN WELLS**	**MN6000000115318**

Well ID:	0000200004	Original Owner:	DRAKE MARBLE CO.
Well Elevation:	710	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	131
Completion Depth:	131	Date Completed:	19740515
Casing Diameter:	6	Casing Depth:	95
Grouted:	N	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	95	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Prairie Du Chien Group		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	4		

G29 **WSW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000510202**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05CCABAC01	0000200004	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Prairie Du Chien Group	Aquifer Type:	Not Reported
Construction Date:	19740515	Well Depth:	131
Well Depth Units:	ft	Well Hole Depth:	131
Well Hole Depth Units:	ft		

E30 **WSW** **1/2 - 1 Mile** **Higher**	Site ID:	7830	**AQUIFLOW**	**28927**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	38 Feet		
	Deep Water Depth:	40 Feet		
	Average Water Depth:	Not Reported		
	Date:	12/11/1995		

---

31 **West** **1/2 - 1 Mile** **Higher**	Site ID:	1027	**AQUIFLOW**	**28746**
	Groundwater Flow:	N		
	Shallow Water Depth:	17.41 Feet		
	Deep Water Depth:	18.19 Feet		
	Average Water Depth:	Not Reported		
	Date:	08/1990		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
G32 **West** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1064 Not Reported 11 14 Not Reported 03/09/1994	**AQUIFLOW**	**25474**
33 **West** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9077 Not Reported 16 29 Not Reported 03/1997	**AQUIFLOW**	**25115**

H34
SW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000154075**

Well ID:	0000561265	Original Owner:	MW-10
Well Elevation:	746	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	65
Completion Depth:	65	Date Completed:	19951219
Casing Diameter:	2	Casing Depth:	55
Grouted:	Y	Dist from Potential Contamination:	40
Direction to Potential Contamination:	S		
Type of Contamination:	Volatile Organic Compounds		
Depth to Bedrock:	54	First Stratigraphic Unit:	St.Peter Sandstone
Last Stratigraphic Unit:	St.Peter Sandstone		
Bottom Open Strat Unit:	St.Peter Sandstone		
Aquifer:	St.Peter	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	36

I35
ESE
1/2 - 1 Mile
Lower

MN WELLS **MN6000000056968**

Well ID:	0000175161	Original Owner:	GRAY, LEE C.
Well Elevation:	700	Well Status:	Active
Well Use:	Commercial	Drill Depth:	69
Completion Depth:	69	Date Completed:	19800110
Casing Diameter:	4	Casing Depth:	59
Grouted:	N	Dist from Potential Contamination:	70
Direction to Potential Contamination:	E	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	56	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Prairie Du Chien Group		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Y	Observation Well:	Not Reported
Avg Static Water Level Depth:	10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
H36 **SW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	7644 NE 11.5 35 Not Reported 04/1996	**AQUIFLOW**	**23938**

I37
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40000510182**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W04DCBBBB01	0000175161	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Prairie Du Chien Group	Aquifer Type:	Not Reported
Construction Date:	19800110	Well Depth:	69
Well Depth Units:	ft	Well Hole Depth:	69
Well Hole Depth Units:	ft		

38
WSW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000050662**

Well ID:	0000200010	Original Owner:	W. ST.PAUL ENGINE HOUSE
Well Elevation:	708	Well Status:	Active
Well Use:	Not Reported	Drill Depth:	1058
Completion Depth:	1058	Date Completed:	18880000
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	125	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Mid.Prot. sed. undivided		
Bottom Open Strat Unit:	Not Reported	Aquifer:	Not Reported
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	24		

J39 **West** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5264 Not Reported 5.2 15.2 Not Reported 06/19/1992	**AQUIFLOW**	**29416**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
J40 **West** **1/2 - 1 Mile** **Higher**	**MN WELLS**	**MN6000000262813**

Well ID:	0000272117	Original Owner:	Not Reported
Well Elevation:	705	Well Status:	Inactive
Well Use:	Commercial	Drill Depth:	219
Completion Depth:	219	Date Completed:	0
Casing Diameter:	10	Casing Depth:	94
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	92	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Jordan Sandstone		
Bottom Open Strat Unit:	Jordan Sandstone		
Aquifer:	Prairie Du Chien-Jordan		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Y	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	-2.5		

	Database	EDR ID Number
J41 **West** **1/2 - 1 Mile** **Higher**	**MN WELLS**	**MN6000000264208**

Well ID:	0000272154	Original Owner:	Not Reported
Well Elevation:	705	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	219
Completion Depth:	219	Date Completed:	0
Casing Diameter:	10	Casing Depth:	94
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	92	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Jordan Sandstone		
Bottom Open Strat Unit:	Jordan Sandstone		
Aquifer:	Prairie Du Chien-Jordan		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Y	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	-2.5		

			Database	EDR ID Number
42 **West** **1/2 - 1 Mile** **Higher**	Site ID:	10768	**AQUIFLOW**	**29756**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	26		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	12/31/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
43 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	7280 S 5 6.5 Not Reported 05/22/1996	**AQUIFLOW**	**36579**
44 **ENE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3326 WNW 9.91 15.99 Not Reported 10/18/1994	**AQUIFLOW**	**30070**

K45
SW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000266848**

Well ID:	0000272127	Original Owner:	ASTOR THEATER
Well Elevation:	768	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	178
Completion Depth:	178	Date Completed:	0
Casing Diameter:	8	Casing Depth:	83
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	55	First Stratigraphic Unit:	St.Peter Sandstone
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	St.Peter-Prairie Du Chien		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Y	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	53		

K46
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000509807**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W08BACCBC01	0000225685	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19741021	Well Depth:	134
Well Depth Units:	ft	Well Hole Depth:	134
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
MN WELLS	**MN6000000040658**

K47
SW
1/2 - 1 Mile
Higher

Well ID:	0000225685	Original Owner:	LAVALLE, JAMES
Well Elevation:	770	Well Status:	Active
Well Use:	Domestic	Drill Depth:	134
Completion Depth:	134	Date Completed:	19741021
Casing Diameter:	4	Casing Depth:	116
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	2	First Stratigraphic Unit:	St.Peter Sandstone
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Multiple	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	65

L48
SW
1/2 - 1 Mile
Higher

Database	EDR ID Number
FRDS PWS	**MN5620207**

Epa region:	05	State:	MN
Pwsid:	MN5620207	Pwsname:	BYERS BROKERAGE CO
Cityserved:	Not Reported	Stateserved:	MN
Zipserved:	Not Reported	Fipscounty:	27123
Status:	Closed	Retpopsrvd:	25
Pwssvcconn:	0	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	unknown
Contact:	BYERS BROKERAGE CO	Contactorgname:	Not Reported
Contactphone:	612-227-8591	Contactaddress1:	Not Reported
Contactaddress2:	344 SOUTH ROBERT ST	Contactcity:	ST PAUL
Contactstate:	MN	Contactzip:	55107
Pwsactivitycode:	I		
PWS ID:	MN5620207	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	MN5620207
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000025
System name:	BYERS BROKERAGE CO	System address:	Not Reported
System address:	344 SOUTH ROBERT ST	System city:	ST PAUL
System state:	MN	System zip:	55107
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	445600	Longitude:	0930500

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
L49 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4173 Not Reported 8 Not Reported Not Reported 9/13/1991	**AQUIFLOW**	**24181**

M50
West
1/2 - 1 Mile
Higher

MN WELLS **MN6000000022506**

Well ID:	0000200051	Original Owner:	AMERICAN HOIST AND DERRI
Well Elevation:	704	Well Status:	Active
Well Use:	Industrial	Drill Depth:	242
Completion Depth:	242	Date Completed:	19420000
Casing Diameter:	12	Casing Depth:	240
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	96	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Jordan Sandstone		
Bottom Open Strat Unit:	Jordan Sandstone		
Aquifer:	Jordan	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	27

M51
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000510393**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W06DAABDA01	0000200051	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Jordan Sandstone	Aquifer Type:	Not Reported
Construction Date:	19420000	Well Depth:	242
Well Depth Units:	ft	Well Hole Depth:	242
Well Hole Depth Units:	ft		

N52
ENE
1/2 - 1 Mile
Higher

MN WELLS **MN6000000047852**

Well ID:	0000127290	Original Owner:	J.L. SHIELY CO.
Well Elevation:	700	Well Status:	Active
Well Use:	Industrial	Drill Depth:	103
Completion Depth:	103	Date Completed:	19780711
Casing Diameter:	8	Casing Depth:	67
Grouted:	Y	Dist from Potential Contamination:	300

Direction to Potential Contamination:	W	Type of Contamination:	Other
Depth to Bedrock:	63	First Stratigraphic Unit:	St.Peter Sandstone
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Prairie Du Chien Group		
Well Cuttings:	Y	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	-1		

N53
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000510489**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W04ACDBCA01	0000127290	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Prairie Du Chien Group	Aquifer Type:	Not Reported
Construction Date:	19780711	Well Depth:	103
Well Depth Units:	ft	Well Hole Depth:	103
Well Hole Depth Units:	ft		

54
NNW
1/2 - 1 Mile
Higher

AQUIFLOW **30535**

Site ID:	10135
Groundwater Flow:	Not Reported
Shallow Water Depth:	6
Deep Water Depth:	8
Average Water Depth:	Not Reported
Date:	05/07/1998

O55
WSW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000052910**

Well ID:	0000603262	Original Owner:	MW-3
Well Elevation:	715	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	21
Completion Depth:	18	Date Completed:	19971009
Casing Diameter:	2	Casing Depth:	8
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	Not Reported	Bottom Open Strat Unit:	Not Reported
Aquifer:	Not Reported	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	12

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
O56 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9926 NNE 12 14 Not Reported 3/3/1998	**AQUIFLOW**	**19397**

			Database	EDR ID Number
57 **NW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4927 SE 7.5 14.5 Not Reported 01/28/1992	**AQUIFLOW**	**29898**

O58
WSW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000160795**

Well ID:	0000603261	Original Owner:	HOLIDAY STATIONS
Well Elevation:	816	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	21
Completion Depth:	18	Date Completed:	19971009
Casing Diameter:	2	Casing Depth:	8
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	Not Reported	Bottom Open Strat Unit:	Not Reported
Aquifer:	Not Reported	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	12

			Database	EDR ID Number
P59 **NW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	6168 Not Reported 13.5 17.1 Not Reported 02/16/1993	**AQUIFLOW**	**25329**

60
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000510722**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W05BBBCCD01	0000200011	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19190000	Well Depth:	305

Well Depth Units:	ft	Well Hole Depth:	305
Well Hole Depth Units:	ft		

Q61
West
1/2 - 1 Mile
Higher

AQUIFLOW **46763**

Site ID:	3161
Groundwater Flow:	Varies
Shallow Water Depth:	17.43 ft
Deep Water Depth:	23.72 ft
Average Water Depth:	Not Reported
Date:	11/03/1989

62
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000510787**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W04ABBACC01	0000200002	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Prairie Du Chien-Jordan Aquifer		
Aquifer Type:	Not Reported	Construction Date:	19490800
Well Depth:	479	Well Depth Units:	ft
Well Hole Depth:	479	Well Hole Depth Units:	ft

P63
NW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000138476**

Well ID:	0000255677	Original Owner:	281 KELLOG BLVD. E.
Well Elevation:	709	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	116
Completion Depth:	116	Date Completed:	0
Casing Diameter:	5	Casing Depth:	101
Grouted:	U	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	100	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Prairie Du Chien Group		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Y	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	-4		

R64
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000510681**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W06AADABC01	0000200016	
Type:	Well	Description:	Not Reported

HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19620200	Well Depth:	348
Well Depth Units:	ft	Well Hole Depth:	348
Well Hole Depth Units:	ft		

65
North
1/2 - 1 Mile
Higher

AQUIFLOW **25441**

Site ID:	5233
Groundwater Flow:	S, SW
Shallow Water Depth:	6.69
Deep Water Depth:	12.96
Average Water Depth:	Not Reported
Date:	12/03/1993

Q66
West
1/2 - 1 Mile
Higher

MN WELLS **MN6000000060761**

Well ID:	0000253038	Original Owner:	OLD COCA COLA BLDG.
Well Elevation:	711	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	309
Completion Depth:	309	Date Completed:	0
Casing Diameter:	16	Casing Depth:	120
Grouted:	U	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	111	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Jordan Sandstone		
Bottom Open Strat Unit:	Jordan Sandstone		
Aquifer:	Prairie Du Chien-Jordan		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Y	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	13		

67
WSW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000161570**

Well ID:	0000603260	Original Owner:	HOLIDAY STATIONS
Well Elevation:	820	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	31
Completion Depth:	18	Date Completed:	19971010
Casing Diameter:	2	Casing Depth:	8
Grouted:	Y	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	Not Reported	Bottom Open Strat Unit:	Not Reported
Aquifer:	Not Reported	Well Cuttings:	Not Reported
Core Sample Taken:	Not Reported	Geophys Log Exists:	Not Reported
Geochem Info Exists:	Not Reported	Water Chemistry Info Exists:	Not Reported
Observation Well:	Not Reported	Avg Static Water Level Depth:	12

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R68
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000510641**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	028N22W06AADCBB01	0000200017	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Prairie Du Chien Group	Aquifer Type:	Not Reported
Construction Date:	19590500	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

R69
WNW
1/2 - 1 Mile
Higher

MN WELLS **MN6000000054885**

Well ID:	0000200017	Original Owner:	FARWELL OZMUN, KIRK & CO
Well Elevation:	730	Well Status:	Active
Well Use:	Commercial	Drill Depth:	300
Completion Depth:	300	Date Completed:	19590500
Casing Diameter:	8	Casing Depth:	175
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	35	First Stratigraphic Unit:	St.Peter Sandstone
Last Stratigraphic Unit:	Prairie Du Chien Group		
Bottom Open Strat Unit:	Prairie Du Chien Group		
Aquifer:	Prairie Du Chien Group		
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Not Reported	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	0		

70
East
1/2 - 1 Mile
Higher

MN WELLS **MN6000000052490**

Well ID:	0000249872	Original Owner:	RAILROAD WELL
Well Elevation:	695	Well Status:	Not Reported
Well Use:	Industrial	Drill Depth:	270
Completion Depth:	270	Date Completed:	0
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	53	First Stratigraphic Unit:	Prairie Du Chien Group
Last Stratigraphic Unit:	Jordan Sandstone		
Bottom Open Strat Unit:	Not Reported	Aquifer:	Not Reported
Well Cuttings:	Not Reported	Core Sample Taken:	Not Reported
Geophys Log Exists:	Y	Geochem Info Exists:	Not Reported
Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
71 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000511097**

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	029N22W32CCABDC01	0000200520	
Type:	Well	Description:	Not Reported
HUC:	07010206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	360
Well Depth Units:	ft	Well Hole Depth:	360
Well Hole Depth Units:	ft		

1G **North** **1/2 - 1 Mile** **Lower**	Site ID:	5233	**AQUIFLOW**	**25441**
	Groundwater Flow:	S, SW		
	Shallow Water Depth:	6.69		
	Deep Water Depth:	12.96		
	Average Water Depth:	Not Reported		
	Date:	12/03/1993		

2G **NNW** **1/2 - 1 Mile** **Lower**	Site ID:	10135	**AQUIFLOW**	**30535**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	6		
	Deep Water Depth:	8		
	Average Water Depth:	Not Reported		
	Date:	05/07/1998		

3G **NW** **1/2 - 1 Mile** **Lower**	Site ID:	4927	**AQUIFLOW**	**29898**
	Groundwater Flow:	SE		
	Shallow Water Depth:	7.5		
	Deep Water Depth:	14.5		
	Average Water Depth:	Not Reported		
	Date:	01/28/1992		

4G **NW** **1/2 - 1 Mile** **Lower**	Site ID:	6168	**AQUIFLOW**	**25329**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	13.5		
	Deep Water Depth:	17.1		
	Average Water Depth:	Not Reported		
	Date:	02/16/1993		

5G **ENE** **1/2 - 1 Mile** **Lower**	Site ID:	3326	**AQUIFLOW**	**30070**
	Groundwater Flow:	WNW		
	Shallow Water Depth:	9.91		
	Deep Water Depth:	15.99		
	Average Water Depth:	Not Reported		
	Date:	10/18/1994		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
6G **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1542 NE 12.4 12.5 12.45 03/21/1992	**AQUIFLOW**	**29939**
7G **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	935 Not Reported 7.5 11.7 Not Reported 03/01/1989	**AQUIFLOW**	**30035**
8G **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5572 Varies 4.69 16.70 Not Reported 05/1994	**AQUIFLOW**	**29983**
9G **NNE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4502 NE 10 11.7 Not Reported 03/30/1992	**AQUIFLOW**	**29296**
10G **North** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	6985 SSE 15.08 16.32 Not Reported 05/05/1995	**AQUIFLOW**	**23761**
11G **North** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5349 ESE 7 Not Reported Not Reported 07/13/1992	**AQUIFLOW**	**36523**
12G **WNW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2921 NW, NE 14.96 19.86 Not Reported 04/13/1994	**AQUIFLOW**	**30083**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
13G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	10768 Not Reported 26 Not Reported Not Reported 12/31/1997	**AQUIFLOW**	**29756**
14G **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4370 Not Reported 12 Not Reported Not Reported 05/1993	**AQUIFLOW**	**25535**
15G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3741 ESE 9.49 14.98 Not Reported 12/27/1990	**AQUIFLOW**	**30337**
16G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9077 Not Reported 16 29 Not Reported 03/1997	**AQUIFLOW**	**25115**
17G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	3161 Varies 17.43 ft 23.72 ft Not Reported 11/03/1989	**AQUIFLOW**	**46763**
18G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1027 N 17.41 Feet 18.19 Feet Not Reported 08/1990	**AQUIFLOW**	**28746**
19G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4482 N 8 11 Not Reported 09/1992	**AQUIFLOW**	**29825**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
20G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	1064 Not Reported 11 14 Not Reported 03/09/1994	**AQUIFLOW**	**25474**
21G **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	8219 N 8.8 15.96 Not Reported 04/24/1995	**AQUIFLOW**	**30091**
22G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	5264 Not Reported 5.2 15.2 Not Reported 06/19/1992	**AQUIFLOW**	**29416**
23G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9926 NNE 12 14 Not Reported 3/3/1998	**AQUIFLOW**	**19397**
24G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	7280 S 5 6.5 Not Reported 05/22/1996	**AQUIFLOW**	**36579**
25G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	7830 Not Reported 38 Feet 40 Feet Not Reported 12/11/1995	**AQUIFLOW**	**28927**
26G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9175 Not Reported Not Reported Not Reported 12 04/01/1996	**AQUIFLOW**	**36471**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
27G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	4173 Not Reported 8 Not Reported Not Reported 9/13/1991	**AQUIFLOW**	**24181**
28G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	7644 NE 11.5 35 Not Reported 04/1996	**AQUIFLOW**	**23938**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MN Radon

Radon Test Results

Zipcode	Num Tests	Minimum	Maximum	Average	# > 4 pCi/L	# < 4 pCi/L
55107	339	0.2	16.4	3.6	118	221

Federal EPA Radon Zone for RAMSEY County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 55107

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Land Management Information Center
Telephone: 617-297-3281

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Minnesota Groundwater Database
Source: Minnesota Geological Survey County Water Well Index (CWI)
Telephone: 612-627-4780

OTHER STATE DATABASE INFORMATION

RADON

State Database: MN Radon
Source: Department of Health
Telephone: 651-215-0909
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

Holman Field
206 Airport Road
Saint Paul, MN 55107

Inquiry Number: 5454377.2s
October 16, 2018

EDR Summary Radius Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

206 AIRPORT ROAD
SAINT PAUL, MN 55107

COORDINATES

Latitude (North):	44.9398680 - 44° 56' 23.52''
Longitude (West):	93.0697070 - 93° 4' 10.94''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	494500.1
UTM Y (Meters):	4976056.0
Elevation:	700 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150927
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	AASF - SAINT PAUL	206 AIRPORT DR SAINT	MN UST, MN Financial Assurance		TP
A2	MN STATE NATL GUARD	206 AIRPORT RD	RCRA NonGen / NLR		TP
A3	AASF - SAINT PAUL	206 AIRPORT DR SAINT	FINDS		TP
A4	ARMY AVIATION SUPPOR	206 AIRPORT DR	MN LUST, MN SRS, MN ENF, MN WIMN, MN NPDES		TP
A5	HOLMAN FIELD	206 AIRPORT DR	MN RGA LUST		TP
A6	ARMY AVIATION SUPPOR	206 AIRPORT DR	MN MANIFEST		TP
A7	HOLMAN FIELD/AVIATIO	206 AIRPORT DR	MN RGA LUST		TP
A8	ARMY AVIATION SUPPOR	206 AIRPORT RD	FINDS, ECHO		TP
A9	ARMY AVIATION SUPPOR	206 AIRPORT RD	MN TIER 2		TP
A10	AASF - SAINT PAUL	206 AIRPORT DR SAINT	MN WIMN		TP
A11	HOLMAN FIELD	206 AIRPORT DR	MN RGA LUST		TP
A12	ARMY AVIATION SUPPOR	206 AIRPORT DR	RCRA-CESQG		TP
A13	HOLMAN FIELD/AVIATIO	206 AIRPORT DR	MN RGA LUST		TP
A14	MINNESOTA ARMY NATIO	206 AIRPORT RD	FINDS		TP
A15	MN STATE NATL GUARD	206 AIRPORT RD	FINDS, ECHO		TP
A16	ARMY AVIATION SUPPOR	206 AIRPORT DR	MN UST, MN AIRS, MN Financial Assurance, MN TIER...		TP
A17	HOLMAN FIELD	DOWTOWN SAINT PAUL A	MN LUST, MN SRS, MN WIMN	Higher	1 ft.
B18	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN BROWNFIELDS	Higher	369, 0.070, NW
B19	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN VIC, MN SRS, MN LS	Higher	369, 0.070, NW
B20	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN WIMN	Higher	369, 0.070, NW
C21	MONARCH WOOD PRODUCT	276 CHESTER ST	RCRA NonGen / NLR	Higher	476, 0.090, SSW
C22	MONARACH WOOD PRODUC	276 CHESTER ST	MN WIMN	Higher	476, 0.090, SSW
C23	MONARCH WOOD PRODUCT	292 CHESTER ST	RCRA-CESQG, MN WIMN	Higher	566, 0.107, SSW
D24	MN DOA TRAVEL MANAGE	296 CHESTER ST	MN MANIFEST	Higher	582, 0.110, SSW
D25	MN DOA TRAVEL MANAGE	296 CHESTER ST	RCRA NonGen / NLR	Higher	582, 0.110, SSW
D26	MN DOA TRAVEL MANAGE	296 CHESTER ST	MN TIER 2, MN WIMN	Higher	582, 0.110, SSW
D27	MN DOA TRAVEL MANAGE	296 CHESTER ST	MN AST	Higher	582, 0.110, SSW
C28	ISD 625 TRANSPORTATI	261 CHESTER ST	MN LUST, MN VIC, MN BROWNFIELDS, MN SPILLS, MN...	Higher	597, 0.113, SW
C29	ISD 625 TRANSPORTATI	261 CHESTER ST	MN UST	Higher	597, 0.113, SW
C30	ISD 625 TRANSPORTATI	261 CHESTER ST	MN MANIFEST	Higher	597, 0.113, SW
C31	FEDERAL EXPRESS CORP	261 CHESTER ST	RCRA-CESQG	Higher	597, 0.113, SW
C32	FED EX	261 CHESTER ST	MN SRS	Higher	597, 0.113, SW
C33	FEDEX ST. PAUL FACIL	261 CHESTER ST	MN SRS	Higher	597, 0.113, SW
C34	FEDERAL EXPRESS	261 CHESTER ST	MN SRS	Higher	597, 0.113, SW
35	BELL COLD STORAGE	250 CHESTER ST	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	625, 0.118, West
E36	ATLAS COLD STORAGE U	240 CHESTER ST	MN SPILLS, MN Financial Assurance, MN TIER 2, MN...	Higher	649, 0.123, WNW
E37	VERSACOLD USA INC	240 CHESTER ST	RCRA-CESQG	Higher	649, 0.123, WNW
E38	BELL COLD STORAGE	236-260 CHESTER ST	MN BROWNFIELDS, MN WIMN	Higher	671, 0.127, WNW
E39	BELL COLD STORAGE PT	236-260 CHESTER ST	MN VIC, MN SRS, MN LS, MN VAPOR	Higher	671, 0.127, WNW

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	BELL COLD STORAGE PT	236-260 CHESTER ST	MN BROWNFIELDS	Higher	671, 0.127, WNW
D41	SEALED AIR CORP	310 CHESTER ST	MN MANIFEST	Higher	700, 0.133, SSW
D42	SEALED AIR CORP	310 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO, MN WIMN	Higher	700, 0.133, SSW
E43	FEDERAL EXPRESS CORP	216 CHESTER ST	MN MANIFEST	Higher	718, 0.136, WNW
E44	FEDERAL EXPRESS CORP	216 CHESTER ST	RCRA NonGen / NLR, MN WIMN	Higher	718, 0.136, WNW
D45	MINUTEMAN PRESS - CH	322 CHESTER ST	MN WIMN, MN NPDES	Higher	753, 0.143, SSW
D46	MINUTEMAN PRESS - CH	322 CHESTER ST	RCRA-CESQG	Higher	753, 0.143, SSW
D47	MINUTEMAN PRESS - CH	322 CHESTER ST	MN MANIFEST	Higher	753, 0.143, SSW
D48	NEW TECH INDUSTRIAL	324 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO, MN WIMN	Higher	757, 0.143, SSW
49	BLDG REMOVAL SP6244-	ADDRESS UNKNOWN	MN WIMN	Higher	797, 0.151, NE
F50	AIR METHODS CORP	336 CHESTER ST	MN MANIFEST	Higher	811, 0.154, SSW
F51	CRITCIAL CARE SVCS D	336 CHESTER ST B	RCRA NonGen / NLR, FINDS, ECHO	Higher	811, 0.154, SSW
F52	RIVERVIEW BUSINESS P	336 CHESTER ST/UNIT	RCRA NonGen / NLR, FINDS, ECHO	Higher	811, 0.154, SSW
F53	AIR METHODS CORP	336 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO, MN WIMN	Higher	811, 0.154, SSW
F54	DUCTS AND CLEATS	334 CHESTER ST	MN WIMN	Higher	824, 0.156, SSW
G55	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Higher	831, 0.157, North
G56	RIDDER CIRCLE PROPER	SEE LOCATION DESCRIP	MN LS	Higher	831, 0.157, North
G57	RIDDER CIRCLE PROPER	SEE LOCATION DESCRIP	MN INST CONTROL, MN BROWNFIELDS, MN WIMN	Higher	831, 0.157, North
F58	WILBRECHT ELECTRICS	346 CHESTER ST	MN MANIFEST	Higher	845, 0.160, SSW
F59	WILBRECHT ELECTRICS	346 CHESTER ST	MN WIMN	Higher	845, 0.160, SSW
F60	WILBRECHT ELECTRONIC	346 CHESTER ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	845, 0.160, SSW
H61	STATE STREET DUMP	SEE LOCATION DESCRIP	MN SRS	Higher	890, 0.169, WSW
H62	ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	MN BROWNFIELDS	Higher	890, 0.169, WSW
63	SAINT PAUL DOWNTOWN	BAYFIELD ST	MN LUST, MN SRS, MN WIMN	Higher	899, 0.170, NNW
F64	SPRC PACKAGING FIRST	341 CHESTER ST	RCRA NonGen / NLR	Higher	948, 0.180, SSW
F65	PACKAGING FIRST DIV	341 CHESTER ST	MN WIMN	Higher	948, 0.180, SSW
I66	2014 PAVEMENT REHAB	ADDRESS UNKNOWN	MN WIMN	Lower	948, 0.180, SE
I67	2012 PAVEMENT REHABI	ADDRESS UNKNOWN	MN WIMN	Lower	948, 0.180, SE
J68	RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	MN BROWNFIELDS	Higher	976, 0.185, SW
J69	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN VIC	Higher	976, 0.185, SW
J70	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN SRS	Higher	976, 0.185, SW
J71	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN BROWNFIELDS	Higher	976, 0.185, SW
J72	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN Financial Assurance, MN LS	Higher	976, 0.185, SW
J73	JASPER ENGINES & TRA	268 E LAFAYETTE FRON	MN WIMN	Higher	976, 0.185, SW
J74	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN VIC, MN SRS	Higher	976, 0.185, SW
J75	JASPER ENGINES & TRA	268 E LAFAYETTE FRON	RCRA-CESQG	Higher	976, 0.185, SW
J76	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN BROWNFIELDS, MN WIMN	Higher	976, 0.185, SW
J77	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN VIC, MN SRS	Higher	976, 0.185, SW
J78	JASPER ENGINES & TRA	268 E LAFAYETTE FRON	MN MANIFEST	Higher	976, 0.185, SW

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J79	MICRO MEDICS INCORPO	268 E LAFAYETTE FRON	NY MANIFEST	Higher	976, 0.185, SW
J80	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN SRS	Higher	976, 0.185, SW
J81	STATE STREET DUMP	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	976, 0.185, SW
J82	RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	MN BROWNFIELDS	Higher	976, 0.185, SW
J83	RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	MN SRS	Higher	976, 0.185, SW
J84	RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	MN VIC	Higher	976, 0.185, SW
H85	EATON STREET PROPERT	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	992, 0.188, WSW
H86	CHESTER STREET FEDEX	SEE LOCATION DESCRIP	MN BROWNFIELDS	Higher	992, 0.188, WSW
H87	EATON STREET PROPERT	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Higher	992, 0.188, WSW
H88	STATE STREET DUMP	SEE LOCATION DESCRIP	MN SRS	Higher	993, 0.188, WSW
H89	STATE STREET DUMP	SEE LOCATION DESCRIP	MN VIC	Higher	993, 0.188, WSW
H90	STATE STREET DUMP	SEE LOCATION DESCRIP	MN LS	Higher	993, 0.188, WSW
K91	C & G OFFICE PRODUCT	272 E LAFAYETTE RD	MN MANIFEST	Higher	1068, 0.202, SSW
K92	C & G OFFICE PRODUCT	272 E LAFAYETTE RD	MN SPILLS, MN Financial Assurance, MN WIMN	Higher	1068, 0.202, SSW
L93	528 PARTNERSHIP LLP	345 E PLATO BLVD	MN MANIFEST, MN NPDES	Higher	1079, 0.204, WNW
M94	NORTHPORT ADDITION	SEE LOCATION DESCRIP	MN BROWNFIELDS	Lower	1089, 0.206, NNE
M95	DOBOSZENSKI & SONS I	9520 COUNTY RD 19	MN ENF, MN WIMN, MN NPDES	Lower	1089, 0.206, NNE
M96	NORTHPORT ADDITION	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Lower	1089, 0.206, NNE
L97	GRAINGER	345 E PLATO BLVD STE	RCRA-CESQG	Higher	1092, 0.207, WNW
N98	EXECUTIVE IFT INC	590 BAYFIELD ST	MN AST	Higher	1126, 0.213, NE
N99	EXECUTIVE IFT INC	590 BAYFIELD ST	RCRA NonGen / NLR, FINDS, ECHO, MN Financial...	Higher	1126, 0.213, NE
N100	EXECUTIVE IFT INC	590 BAYFIELD ST	MN LAST, MN LUST, MN UST, MN SRS, MN WIMN	Higher	1126, 0.213, NE
L101	529 LIMITED PARTNERS	345 PLATO BLVD E	MN ENF, MN WIMN, MN NPDES	Higher	1161, 0.220, West
L102	BROWN AND BIGELOW	345 PLATO BLVD	RCRA-CESQG, MN LUST, MN VIC, MN BROWNFIELDS, MN...	Higher	1161, 0.220, West
L103	528 PARTNERSHIP LLP	345 PLATO BLVD E	MN UST	Higher	1161, 0.220, West
O104	DIGIT IMAGING CENTER	284 LAFAYETTE FRONTA	RCRA NonGen / NLR	Higher	1250, 0.237, SSW
O105	VALSPAR CONTRACTOR S	284 E LAFAYETTE RD	MN WIMN	Higher	1250, 0.237, SSW
P106	VOMELA SPECIALTIES R	444 FILLMORE AVE E	MN MANIFEST	Higher	1292, 0.245, NW
P107	VOMELA SPECIALTIES R	444 FILLMORE AVE E	RCRA-CESQG, MN WIMN	Higher	1292, 0.245, NW
O108	SURGICAL TECHNOLOGIE	292 E LAFAYETTE FRON	MN WIMN	Higher	1346, 0.255, SSW
Q109	ADVANCE CORPADVANCE	287 S LAFAYETTE RD	MN WIMN	Higher	1361, 0.258, WSW
R110	ST PAUL FLIGHT CENTE	270 AIRPORT RD	MN ENF, MN WIMN	Higher	1374, 0.260, South
R111	AIR METHODS CORP	270 AIRPORT DR STE 1	MN WIMN	Higher	1374, 0.260, South
P112	MNDOT LAFAYETTE BRID	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1376, 0.261, NW
P113	MNDOT LAFAYETTE BRID	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	1376, 0.261, NW
Q114	GRAINGER INDUSTRIAL	277 LAFAYETTE FRONTA	RCRA NonGen / NLR, MN WIMN	Higher	1380, 0.261, WSW
115	LAFAYETTE CENTER	SEE LOCATION DESCRIP	MN VIC, MN BROWNFIELDS, MN SRS, MN WIMN	Higher	1393, 0.264, SW
Q116	COLLINS COMMUNICATIO	273 W LAFAYETTE FRON	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN VAPOR,...	Higher	1412, 0.267, WSW
R117	ST. PAUL FLIGHT CENT	278 AIRPORT DR	MN Financial Assurance, MN WIMN	Higher	1432, 0.271, South

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
S118	VACANT BUILDING	265 LAFAYETTE FRONTA	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN	Higher	1433, 0.271, WSW
S119	METRO DEAF SCHOOL	265 W LAFAYETTE RD S	RCRA-CESQG, MN WIMN	Higher	1433, 0.271, WSW
R120	ST PAUL FLIGHT CENTE	280 AIRPORT DR	MN WIMN	Higher	1446, 0.274, South
R121	SAINT PAUL FLIGHT CE	280 AIRPORT INC	MN WIMN	Higher	1446, 0.274, South
T122	REMACKEL SALVAGE SIT	SEE LOCATION DESCRIP	MN SRS, MN WIMN	Lower	1479, 0.280, NNE
T123	REMACKEL SALVAGE SIT	SEE LOCATION DESCRIP	MN LS	Lower	1479, 0.280, NNE
U124	LAFAYETTE CENTER	285 E FLORIDA ST	MN VIC, MN BROWNFIELDS, MN SRS, MN VAPOR, MN WIMN	Higher	1485, 0.281, SW
U125	MINNESOTA LIFE	285 FLORIDA ST	MN SPILLS, MN Financial Assurance, MN TIER 2, MN...	Higher	1485, 0.281, SW
R126	REGENT EQUIPMENT MAI	290 AIRPORT DR	RCRA-CESQG, MN WIMN	Higher	1517, 0.287, South
V127	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Lower	1534, 0.291, North
V128	PORT AUTHORITY ASH S	SEE LOCATION DESCRIP	MN SRS, MN VAPOR, MN WIMN	Lower	1548, 0.293, North
V129	PORT AUTHORITY ASH S	SEE LOCATION DESCRIP	MN LS	Lower	1549, 0.293, North
V130	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN LS	Lower	1564, 0.296, North
U131	RIVERVIEW IND'L. PAR	SEE LOCATION DESCRIP	MN INST CONTROL, MN WIMN	Higher	1566, 0.297, SW
U132	RIVERVIEW IND'L. PAR	SEE LOCATION DESCRIP	MN LS	Higher	1566, 0.297, SW
U133	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1566, 0.297, SW
U134	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	1566, 0.297, SW
135	FORMER PIONEER PRESS	1 RIDDER CIR	MN LUST, MN LAST, MN VIC, MN BROWNFIELDS, MN SRS,...	Lower	1578, 0.299, NNE
W136	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN LS	Higher	1648, 0.312, SSW
X137	245 LAFAYETTE OFFICE	245 LAFAYETTE FRONTA	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN	Higher	1649, 0.312, West
X138	NATIONAL OIL BARCOM	245 LAFAYETTE FRONTA	MN SRS	Higher	1649, 0.312, West
U139	SCANLAN INTERNATIONA	ONE SCANLAN PLAZA	MN VIC, MN SRS, MN LS	Higher	1652, 0.313, SW
U140	SCANLAN INTERNATIONA	ONE SCANLAN PLAZA	MN BROWNFIELDS, MN WIMN	Higher	1652, 0.313, SW
Y141	DALLAS AIRMOTIVE INC	330 BRAVO LN	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	1673, 0.317, South
W142	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN WIMN	Lower	1684, 0.319, SSW
W143	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS	Lower	1684, 0.319, SSW
Z144	3M ST. PAUL - OH & E	410 E FILLMORE AVE	MN AIRS, MN TIER 2, MN WIMN, MN NPDES	Higher	1756, 0.333, NW
145	FORMER GAS STATION	175 W LAFAYETTE RD	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	1785, 0.338, West
AA146	COLLINS ELECTRICAL &	278 STATE ST	MN MANIFEST, MN WIMN	Higher	1796, 0.340, WSW
147	M A C/HOLMAN FIELD	645 BAYFIELD ST	MN LUST, MN UST, MN SRS, MN SPILLS, MN Financial...	Higher	1832, 0.347, ENE
148	RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	MN VIC, MN SRS, MN VAPOR	Higher	1863, 0.353, South
Y149	XCEL ENERGY - AVIATI	410 BRAVO LN HOLMAN	MN MANIFEST, MN WIMN	Higher	1875, 0.355, South
Y150	REGENT AVIATION	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1875, 0.355, South
Y151	MINNESOTA JET INC	410 BRAVO LN	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Higher	1875, 0.355, South
AB152	VIKING DRILL & TOOL	355 STATE ST	MN VIC, MN BROWNFIELDS, MN SRS, MN SPILLS, MN...	Higher	1879, 0.356, SW
AB153	VIKING DRILL AND TOO	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	1879, 0.356, SW
AA154	295 STATE STREET	295 STATE ST	MN INST CONTROL, MN VIC, MN BROWNFIELDS, MN SRS,...	Lower	1905, 0.361, WSW
AC155	240 PLATO	240 PLATO BLVD EAST	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN VAPOR,...	Higher	1926, 0.365, West
Z156	AMERICRAFT CARTON IN	403 FILLMORE AVE E	MN AIRS, MN ENF, MN Financial Assurance, MN WIMN,...	Higher	1931, 0.366, NW

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AB157	VIKING DRILL AND TOO	SEE LOCATION DESCRIP	MN BROWNFIELDS	Higher	1951, 0.370, SW
158	AERO SYSTEMS ENGINEE	358 FILLMORE AVE E	MN ENF, MN MANIFEST, MN WIMN, MN NPDES	Higher	1954, 0.370, NW
AD159	RIVERVIEW IND. PARK	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Lower	1962, 0.372, SW
AD160	RIVERVIEW IND. PARK	SEE LOCATION DESCRIP	MN LS	Lower	1962, 0.372, SW
161	HMONG AMERICAN FUNER	NE OF EATON ST AND W	US BROWNFIELDS, FINDS	Lower	1970, 0.373, SSW
AE162	DAKOTA BARGE	91 RIDDER CIR	MN SRS, MN WIMN	Higher	1980, 0.375, NNW
AE163	SEMPLE RECYCLING & C	91 RIDDER CIR	MN LUST, MN AIRS, MN Financial Assurance, MN WIMN,...	Higher	1980, 0.375, NNW
164	THOELE PRINTING INC	253 STATE ST STE A	RCRA NonGen / NLR, MN WIMN	Higher	2016, 0.382, WSW
AD165	MINI STORAGE	246 EATON ST	MN VIC, MN BROWNFIELDS, MN SRS, MN SPILLS, MN...	Higher	2025, 0.384, SSW
AD166	RIVERVIEW IND. PARK	SEE LOCATION DESCRIP	MN VIC, MN SRS	Higher	2047, 0.388, SW
AF167	GREENTREE HANGAR	HOLMAN FIELD NEAR EA	MN VIC, MN SRS	Higher	2060, 0.390, SSE
AF168	GREEN TREE HANGAR	HOLMAN FIELD NEAR EA	MN LS	Higher	2060, 0.390, SSE
AF169	GREENTREE HANGAR	HOLMAN FIELD NEAR EA	MN BROWNFIELDS	Higher	2060, 0.390, SSE
AF170	GREEN TREE HANGAR	HOLMAN FIELD NEAR EA	MN WIMN	Higher	2060, 0.390, SSE
AC171	STATE STREET DUMP	SATE & CHESTER STREE	SEMS-ARCHIVE, MN VIC, MN SRS, MN LS	Higher	2118, 0.401, West
AC172	STATE STREET VACANT	STATE ST	MN INST CONTROL, MN BROWNFIELDS, MN WIMN	Higher	2118, 0.401, West
AG173	BALLISTIC RECOVERY S	380 AIRPORT RD	MN WIMN, MN NPDES	Higher	2142, 0.406, South
174	2011 PAVEMENT REHAB	ADDRESS UNKNOWN	MN WIMN	Lower	2172, 0.411, SE
175	RTC INC	180 STATE ST	RCRA NonGen / NLR, MN WIMN	Higher	2181, 0.413, West
176	LIT MIDWAY LLT	141 S LAFAYETTE RD	MN WIMN	Higher	2194, 0.416, WNW
AG177	335 ALPHA LANE	335 ALPHA LN	MN Financial Assurance, MN LS	Lower	2204, 0.417, South
AG178	HOLMAN FIELD	335 ALPHA LN	MN LUST, MN INST CONTROL, MN VIC, MN BROWNFIELDS,..	Lower	2204, 0.417, South
AG179	GREENTREE HANGAR #2	HOLMAN FIELD NEAR EA	MN VIC, MN SRS	Higher	2206, 0.418, South
AG180	CCI PILOT SERVICES I	350 ALPHA LN	RCRA-CESQG, FINDS, ECHO, MN WIMN	Higher	2206, 0.418, South
AG181	GREENTREE HANGAR #2	HOLMAN FIELD NEAR EA	MN BROWNFIELDS	Higher	2212, 0.419, South
AH182	MOLEX COPPER FLEX PR	155 EATON ST	MN LS	Lower	2265, 0.429, SW
AH183	MOLEX INC. COPPER FL	155 EATON ST	MN INST CONTROL, MN VIC, MN BROWNFIELDS, MN SRS,...	Lower	2265, 0.429, SW
AI184	ST. PAUL AIRPORT HOL	520 EATON ST	MN LUST, MN LAST, MN SRS, MN Financial Assurance,...	Lower	2265, 0.429, SSE
AJ185	CNW TRANS	206 EATON ST	MN SPILLS, MN Financial Assurance, MN WIMN	Higher	2270, 0.430, SW
AK186	MNDOT AERONAUTICS BU	222 E PLATO BLVD	MN WIMN	Higher	2301, 0.436, West
AI187	UNITED HEALTHCARE HA	513 EATON ST	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN, MN.	Lower	2306, 0.437, South
AI188	MINNESOTA STATE PATR	515 EATON ST	MN ENF, MN MANIFEST, MN WIMN, MN NPDES	Lower	2306, 0.437, South
AJ189	FILLMORE REDEVELOPME	FILLMORE, FAIRFIELD	MN BROWNFIELDS, MN WIMN	Higher	2330, 0.441, SW
AH190	UNIVERSITY OF MINNES	HARRIET ISLAND RD	MN SWF/LF, MN UNPERM LF, MN ENF, MN WIMN	Lower	2334, 0.442, WSW
AH191	STATE AND CONCORD TO	SEE LOCATION DESCRIP	MN WIMN	Lower	2334, 0.442, WSW
AH192	30 PLATO BOULEVARD E	30 E PLATO	MN BROWNFIELDS	Lower	2334, 0.442, WSW
AH193	ASSOCIATED MICROFILM	156 BREMER BLDG	MN WIMN	Lower	2334, 0.442, WSW
AH194	STATE STREET DUMP, F	SEE LOCATION DESCRIP	MN SRS	Lower	2334, 0.442, WSW
AH195	FILLMORE REDEVELOPME	FILLMORE, FAIRFIELD	MN VIC, MN SRS	Lower	2334, 0.442, WSW

MAPPED SITES SUMMARY

Target Property Address:
206 AIRPORT ROAD
SAINT PAUL, MN 55107

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AH196	FILLMORE REDEVELOPME	FILLMORE, FAIRFIELD	MN SRS	Lower	2334, 0.442, WSW
AK197	TURSSO COMPANIES INC	223 E PLATO BLVD	MN SPILLS, MN AIRS, MN ENF, MN Financial...	Higher	2337, 0.443, West
198	PEOPLE SERVING PEOPL	353 E FILLMORE AVE	RCRA-CESQG, MN WIMN	Higher	2341, 0.443, NW
AL199	ASSET RECOVERY CORP	150 STATE ST	MN LUST, MN SRS, MN WIMN	Higher	2343, 0.444, WNW
AI200	AIR NET SYSTEMS	527 EATON ST	RCRA-CESQG, MN WIMN	Lower	2344, 0.444, SSE
AM201	USPS VEHICLE MAINTEN	314 EVA ST	MN LUST, MN SRS	Lower	2379, 0.451, WSW
AM202	US POSTAL SERVICE VE	314 EVA ST	MN ENF, MN TIER 2, MN WIMN, MN NPDES	Lower	2379, 0.451, WSW
AH203	NOVA MEDICAL INC	150 EATON ST	MN WIMN	Higher	2386, 0.452, SW
AN204	SIGNATURE FLIGHT SUP	529 EATON ST	MN MANIFEST, MN WIMN	Lower	2390, 0.453, SSE
AO205	REGENT AVIATION	SEE LOCATION DESCRIP	MN BROWNFIELDS, MN WIMN	Higher	2404, 0.455, SSE
AO206	REGENT AVIATION	SEE LOCATION DESCRIP	MN LS	Higher	2404, 0.455, SSE
AL207	AMERICAN DRIVE AXLE	145 STATE ST	MN WIMN	Higher	2406, 0.456, West
AM208	UNITED POSTAL SERVIC	314 S EVA ST	MN VIC, MN BROWNFIELDS, MN SRS, MN LS, MN WIMN	Lower	2419, 0.458, WSW
AP209	MNDOT PARCEL 5 DEMO	339 FILLMORE ST	MN WIMN	Higher	2425, 0.459, NW
AP210	RTC INC - ST PAUL	343 FILLMORE AVE E	MN SPILLS, MN Financial Assurance, MN WIMN	Higher	2442, 0.463, NW
AM211	U.S. POSTAL SERVICE	285 S EVA ST	MN LUST, MN SRS, MN Financial Assurance, MN WIMN	Lower	2486, 0.471, WSW
AQ212	ST. PAUL AIRPORT HOL	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AQ213	ST. PAUL DOWNTOWN AI	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AQ214	ST. PAUL DOWNTOWN AI	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AQ215	RC AVIONICS	644 BAYFIELD ST	MN SRS	Lower	2489, 0.471, East
AM216	FORMER BULK FACILITY	291 EVA ST	MN LUST, MN SRS, MN Financial Assurance, MN VAPOR,...	Lower	2493, 0.472, WSW
AL217	MODERNISTIC INDUSTRI	139 STATE ST	RCRA-CESQG, MN WIMN	Higher	2496, 0.473, WNW
AR218	WALMAN OPTICAL CO IN	230 EVA ST	MN WIMN	Higher	2510, 0.475, WSW
AN219	DWIGHT MANAGEMENT	605 EATON ST	RCRA-CESQG, FINDS, ECHO, MN WIMN	Higher	2517, 0.477, SSE
AQ220	WINGS INC (ST PAUL D	670 BAYFIELD ST	MN LUST, MN UST, MN SRS, MN Financial Assurance,...	Lower	2555, 0.484, East
221	PHOENIX RESIDENCE IN	135 E COLORADO ST	MN UST, MN SPILLS, MN Financial Assurance, MN WIMN	Higher	2567, 0.486, SW
AQ222	US ARMY RESERVE FLIG	680 BAYFIELD ST	MN WIMN	Lower	2572, 0.487, East
AS223	3M AVIATION	690 BAYFIELD ST	MN LUST, MN UST, MN SRS, MN SPILLS, MN Financial...	Lower	2590, 0.491, East
224	SAINT PAUL FUNERAL H	199 PLATO BLVD E	MN WIMN	Higher	2594, 0.491, West
AS225	SANBORN AVIATION INC	700 BAYFIELD	MN WIMN	Lower	2610, 0.494, East
AS226	REGENT AVIATION	700 BAYFIELD ST	MN LAST, MN LUST, MN SRS, MN Financial Assurance,...	Lower	2610, 0.494, East
AR227	NSP	215 EVA ST	MN LUST, MN BROWNFIELDS, MN SRS, MN SPILLS, MN...	Higher	2619, 0.496, WSW
228	WARNER ROAD PROPERTY	600 WARNER RD	MN UST, MN Financial Assurance, MN WIMN	Lower	2621, 0.496, NNE
AP229	SOLANGE AUTO SERVICE	291 FILLMORE AVE E	RCRA-CESQG, MN UST, MN Financial Assurance, MN...	Higher	2635, 0.499, NW
230	AMDURA	68 S ROBERT ST	MN SHWS, MN SRS, MN DEL PLP, MN LS, MN WIMN	Higher	4118, 0.780, WNW
231	PINTSON COMPRESSING	257 COMMERCIAL STREE	EDR MGP	Higher	4332, 0.820, North
232	HAAS PROPERTIES	160 S WABASHA ST	MN SHWS, MN VIC, MN BROWNFIELDS, MN SRS, MN VAPOR,...	Higher	4667, 0.884, West
233	43 EAST WATER STREET	43 E WATER ST	MN SHWS, MN SRS, MN DEL PLP, MN LS, MN WIMN	Higher	4980, 0.943, West
234	ST. PAUL GAS MFG SIT	OLIVE ST BTWN 4TH AN	EDR MGP	Higher	5241, 0.993, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
AASF - SAINT PAUL 206 AIRPORT DR SAINT SAINT PAUL, MN 55107	MN UST MN Financial Assurance Database: Financial Assurance 1, Date of Government Version: 08/01/2016 PROGRAM ID: 193473	N/A
MN STATE NATL GUARD 206 AIRPORT RD ST PAUL, MN 55107	RCRA NonGen / NLR EPA ID:: MND985720986	MND985720986
AASF - SAINT PAUL 206 AIRPORT DR SAINT SAINT PAUL, MN 55107	FINDS Registry ID:: 110067891106	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR SAINT PAUL, MN 55107	MN LUST Closed Date: 11/4/1999 Closed Date: 12/6/1996 Site Id: LS0011755 Site Id: LS0005349 MN SRS Facility Id: LS0011755 Facility Id: LS0005349 MN ENF Facility Id: TS0010283 MN WIMN Status: Y MN NPDES	N/A
HOLMAN FIELD 206 AIRPORT DR SAINT PAUL, MN	MN RGA LUST	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR SAINT PAUL, MN 55107	MN MANIFEST	N/A
HOLMAN FIELD/AVIATIO 206 AIRPORT DR ST. PAUL, MN	MN RGA LUST	N/A
ARMY AVIATION SUPPOR 206 AIRPORT RD SAINT PAUL, MN 55107	FINDS	N/A

	Registry ID:: 110003794234 ECHO Registry ID: 110003794234	
ARMY AVIATION SUPPOR 206 AIRPORT RD ST. PAUL, MN 55107	MN TIER 2 Facility Status: ACTIVE ERC Number: 9472 ERC Number: 620700188	N/A
AASF - SAINT PAUL 206 AIRPORT DR SAINT SAINT PAUL, MN 55107	MN WIMN Status: N	N/A
HOLMAN FIELD 206 AIRPORT DR ST. PAUL, MN	MN RGA LUST	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR ST. PAUL, MN 55107	RCRA-CESQG EPA ID:: MND980682207	MND980682207
HOLMAN FIELD/AVIATIO 206 AIRPORT DR SAINT PAUL, MN	MN RGA LUST	N/A
MINNESOTA ARMY NATIO 206 AIRPORT RD MAPLEWOOD, MN 55109	FINDS Registry ID:: 110068062214	N/A
MN STATE NATL GUARD 206 AIRPORT RD ST PAUL, MN 55107	FINDS Registry ID:: 110015864741 ECHO Registry ID: 110015864741	N/A
ARMY AVIATION SUPPOR 206 AIRPORT DR SAINT PAUL, MN 55107	MN UST MN AIRS Facility Id: 12300769 MN Financial Assurance Database: Financial Assurance 1, Date of Government Version: 08/01/2016 PROGRAM ID: 218019 PROGRAM ID: 224160 PROGRAM ID: 199452 MN TIER 2	N/A

EXECUTIVE SUMMARY

Facility Status: ACTIVE
ERC Number: 9472

MN WIMN
Status: Y

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/17/2018 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STATE STREET DUMP Site ID: 0506268 EPA Id: MND985678994	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***52***

Federal RCRA generators list

RCRA-CESQG: A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 8 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONARCH WOOD PRODUCT EPA ID:: MNR000061168	***292 CHESTER ST***	***SSW 0 - 1/8 (0.107 mi.)***	***C23***	***13***
FEDERAL EXPRESS CORP EPA ID:: MND985738780	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C31	15
VERSACOLD USA INC EPA ID:: MN0000065128	240 CHESTER ST	WNW 0 - 1/8 (0.123 mi.)	E37	17
MINUTEMAN PRESS - CH EPA ID:: MNR000034140	322 CHESTER ST	SSW 1/8 - 1/4 (0.143 mi.)	D46	19
JASPER ENGINES & TRA	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J75	26

EPA ID:: MND980896435				
GRAINGER EPA ID:: MNR000052589	345 E PLATO BLVD STE	WNW 1/8 - 1/4 (0.207 mi.)	L97	30
BROWN AND BIGELOW EPA ID:: MND000826214	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
VOMELA SPECIALTIES R EPA ID:: MNS000104380	***444 FILLMORE AVE E***	***NW 1/8 - 1/4 (0.245 mi.)***	***P107***	***34***

State- and tribal - equivalent CERCLIS

MN SHWS: A review of the MN SHWS list, as provided by EDR, and dated 06/01/2018 has revealed that there are 3 MN SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMDURA Facility Id: SR94	***68 S ROBERT ST***	***WNW 1/2 - 1 (0.780 mi.)***	***230***	***70***
HAAS PROPERTIES Facility Id: SR1436	***160 S WABASHA ST***	***W 1/2 - 1 (0.884 mi.)***	***232***	***71***
43 EAST WATER STREET Facility Id: SR338	***43 E WATER ST***	***W 1/2 - 1 (0.943 mi.)***	***233***	***71***

State and tribal landfill and/or solid waste disposal site lists

MN SWF/LF: A review of the MN SWF/LF list, as provided by EDR, and dated 08/02/2018 has revealed that there is 1 MN SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF MINNES	***HARRIET ISLAND RD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH190***	***59***

MN UNPERM LF: A review of the MN UNPERM LF list, as provided by EDR, and dated 08/02/2018 has revealed that there is 1 MN UNPERM LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF MINNES	***HARRIET ISLAND RD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH190***	***59***

State and tribal leaking storage tank lists

MN LUST: A review of the MN LUST list, as provided by EDR, and dated 07/26/2018 has revealed that

there are 22 MN LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLMAN FIELD Closed Date: 8/7/1996 Site Id: LS0009175	***DOWTOWN SAINT PAUL A***	***0 - 1/8 (0.000 mi.)***	***A17***	***11***
ISD 625 TRANSPORTATI Closed Date: 11/3/1998 Closed Date: 1/23/2013 Site Id: LS0011333 Site Id: LS0019015	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***14***
BELL COLD STORAGE Closed Date: 5/18/1995 Site Id: LS0008219	***250 CHESTER ST***	***W 0 - 1/8 (0.118 mi.)***	***35***	***16***
SAINT PAUL DOWNTOWN Closed Date: 10/11/1993 Site Id: LS0004370	***BAYFIELD ST***	***NNW 1/8 - 1/4 (0.170 mi.)***	***63***	***23***
EXECUTIVE IFT INC Closed Date: 12/30/1994 Site Id: LS0005572	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***31***
BROWN AND BIGELOW Closed Date: 5/17/2001 Closed Date: 8/1/1996 Site Id: LS0010760 Site Id: LS0003631	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
DALLAS AIRMOTIVE INC Closed Date: 3/3/2006 Site Id: LS0016239	***330 BRAVO LN***	***S 1/4 - 1/2 (0.317 mi.)***	***Y141***	***43***
FORMER GAS STATION Closed Date: 11/2/1999 Site Id: LS0012409	***175 W LAFAYETTE RD***	***W 1/4 - 1/2 (0.338 mi.)***	***145***	***44***
M A C/HOLMAN FIELD Closed Date: 10/17/1994 Closed Date: 11/23/1992 Site Id: LS0000935 Site Id: LS0004458	***645 BAYFIELD ST***	***ENE 1/4 - 1/2 (0.347 mi.)***	***147***	***45***
MINNESOTA JET INC Closed Date: 4/29/1999 Site Id: LS0012499	***410 BRAVO LN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y151***	***46***
SEMPLE RECYCLING & C Closed Date: 10/22/1990 Site Id: LS0003798	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE163***	***50***
ASSET RECOVERY CORP Closed Date: 10/12/1994 Site Id: LS0002921	***150 STATE ST***	***WNW 1/4 - 1/2 (0.444 mi.)***	***AL199***	***61***
NSP Closed Date: 7/29/2014 Closed Date: 12/18/1992 Site Id: LS0019522 Site Id: LS0003741	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***69***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***41***

Closed Date: 12/11/2015 Site Id: LS0019707				
HOLMAN FIELD Closed Date: 12/30/2003 Site Id: LS0015237	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***54***
ST. PAUL AIRPORT HOL Closed Date: 4/1/2005 Site Id: LS0015194	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***56***
USPS VEHICLE MAINTEN Site Id: LS0020733	***314 EVA ST***	***WSW 1/4 - 1/2 (0.451 mi.)***	***AM201***	***61***
U.S. POSTAL SERVICE Closed Date: 10/13/1992 Site Id: LS0004482	***285 S EVA ST***	***WSW 1/4 - 1/2 (0.471 mi.)***	***AM211***	***64***
FORMER BULK FACILITY Closed Date: 6/8/2011 Site Id: LS0018399	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***65***
WINGS INC (ST PAUL D Closed Date: 11/3/1997 Site Id: LS0006985	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***66***
3M AVIATION Closed Date: 3/30/1992 Site Id: LS0004502	***690 BAYFIELD ST***	***E 1/4 - 1/2 (0.491 mi.)***	***AS223***	***67***
REGENT AVIATION Closed Date: 10/17/1994 Site Id: LS0001542	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***68***

MN LAST: A review of the MN LAST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 4 MN LAST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EXECUTIVE IFT INC Closed Date: 12/30/1994 Site Id: LS0005572	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***31***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER PIONEER PRESS Closed Date: 12/11/2015 Site Id: LS0019707	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***41***
ST. PAUL AIRPORT HOL Closed Date: 4/1/2005 Site Id: LS0015194	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***56***
REGENT AVIATION Closed Date: 10/17/1994 Site Id: LS0001542	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***68***

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

MN UST: A review of the MN UST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 3 MN UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ISD 625 TRANSPORTATI	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C29	15
EXECUTIVE IFT INC	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***31***
528 PARTNERSHIP LLP	345 PLATO BLVD E	W 1/8 - 1/4 (0.220 mi.)	L103	33

MN AST: A review of the MN AST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 2 MN AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MN DOA TRAVEL MANAGE Tank Status: Active	296 CHESTER ST	SSW 0 - 1/8 (0.110 mi.)	D27	14
EXECUTIVE IFT INC Tank Status: Active	590 BAYFIELD ST	NE 1/8 - 1/4 (0.213 mi.)	N98	30

State and tribal institutional control / engineering control registries

MN INST CONTROL: A review of the MN INST CONTROL list, as provided by EDR, and dated 08/24/2018 has revealed that there are 6 MN INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIDDER CIRCLE PROPER Site ID: 188650	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G57***	***22***
RIVERVIEW IND'L. PAR Site ID: 200693	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U131***	***40***
STATE STREET VACANT Site ID: 189175	***STATE ST***	***W 1/4 - 1/2 (0.401 mi.)***	***AC172***	***53***

Lower Elevation	Address	Direction / Distance	Map ID	Page
295 STATE STREET Site ID: 186607	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***47***
HOLMAN FIELD Site ID: 185643	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***54***
MOLEX INC. COPPER FL Site ID: 2099	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***56***

State and tribal voluntary cleanup sites

MN VIC: A review of the MN VIC list, as provided by EDR, and dated 08/24/2018 has revealed that there are 38 MN VIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST. PAUL FC PROJECT Facility Id: VP2980 Facility Id: VP2981	***FLOOD FRINGE-NEAR HO***	***NW 0 - 1/8 (0.070 mi.)***	***B19***	***12***
ISD 625 TRANSPORTATI Facility Id: VP5923	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***14***
BELL COLD STORAGE PT Facility Id: VP5400 Facility Id: VP5401	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***17***
RIVERVIEW INDUSTRIAL Facility Id: VP9840 Facility Id: VP7540	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G55***	***21***
RIVERVIEW BUSINESS P Facility Id: VP4351	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J69	24
RIVERVIEW BUSINESS P Facility Id: VP4350	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J74***	***25***
RIVERVIEW BUSINESS P Facility Id: VP4352	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J77***	***26***
RIVERVIEW BUSINESS C Facility Id: BF0000682	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J84	28
EATON STREET PROPERT Facility Id: VP5922	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H87***	***28***
STATE STREET DUMP Facility Id: VP5920	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H89	29
BROWN AND BIGELOW Facility Id: VP6820 Facility Id: VP6821 Facility Id: VP6822	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
MNDOT LAFAYETTE BRID Facility Id: VP25830	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P112***	***35***
LAFAYETTE CENTER Facility Id: VP32650	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***36***
COLLINS COMMUNICATIO Facility Id: VP10160	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***36***
VACANT BUILDING Facility Id: VP9260 Facility Id: VP9261	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***37***
LAFAYETTE CENTER Facility Id: BF0000604	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***38***
RIVERVIEW INDUSTRIAL Facility Id: VP12630	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U133***	***40***
245 LAFAYETTE OFFICE	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***42***

Facility Id: VP21510 Facility Id: BF0000597				
SCANLAN INTERNATIONA Facility Id: VP16980	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U139***	***42***
RIVERVIEW INDUSTRIAL Facility Id: VP12320 Facility Id: VP12321	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.353 mi.)***	***148***	***45***
REGENT AVIATION Facility Id: VP14100	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.355 mi.)***	***Y150***	***46***
VIKING DRILL & TOOL Facility Id: VP26600 Facility Id: BF0000554	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***46***
VIKING DRILL AND TOO Facility Id: VP5921	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB153***	***47***
240 PLATO Facility Id: VP18330 Facility Id: BF0000515	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***48***
MINI STORAGE Facility Id: VP4890 Facility Id: VP4891	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***51***
RIVERVIEW IND. PARK Facility Id: VP14520	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.388 mi.)***	***AD166***	***51***
GREENTREE HANGAR Facility Id: VP7020	***HOLMAN FIELD NEAR EA***	***SSE 1/4 - 1/2 (0.390 mi.)***	***AF167***	***51***
STATE STREET DUMP Facility Id: VP15270	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***52***
GREENTREE HANGAR #2 Facility Id: VP7021	***HOLMAN FIELD NEAR EA***	***S 1/4 - 1/2 (0.418 mi.)***	***AG179***	***55***

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
NORTHPORT ADDITION Facility Id: VP9841	***SEE LOCATION DESCRIP***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M96***	***30***
FORMER PIONEER PRESS Facility Id: VP32220 Facility Id: VP32221	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***41***
RIVERVIEW INDUSTRIAL Facility Id: VP13770	***SEE LOCATION DESCRIP***	***SSW 1/4 - 1/2 (0.319 mi.)***	***W143***	***44***
295 STATE STREET Facility Id: VP30400	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***47***
HOLMAN FIELD Facility Id: VP19810	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***54***
MOLEX INC. COPPER FL Facility Id: VP21120 Facility Id: VP21121 Facility Id: VP21122	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***56***
UNITED HEALTHCARE HA Facility Id: VP6940	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***58***
FILLMORE REDEVELOPME	***FILLMORE, FAIRFIELD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH195***	***60***

Facility Id: VP33230

UNITED POSTAL SERVIC ***314 S EVA ST*** ***WSW 1/4 - 1/2 (0.458 mi.)*** ***AM208*** ***63***

Facility Id: VP3610

State and tribal Brownfields sites

MN BROWNFIELDS: A review of the MN BROWNFIELDS list, as provided by EDR, and dated 08/24/2018 has revealed that there are 42 MN BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	NW 0 - 1/8 (0.070 mi.)	B18	12
ISD 625 TRANSPORTATI	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***14***
BELL COLD STORAGE	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E38***	***17***
BELL COLD STORAGE PT	236-260 CHESTER ST	WNW 1/8 - 1/4 (0.127 mi.)	E40	17
RIDDER CIRCLE PROPER	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G57***	***22***
ST. PAUL FC PROJECT	FLOOD FRINGE-NEAR HO	WSW 1/8 - 1/4 (0.169 mi.)	H62	23
RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J68	24
RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J71	25
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J76***	***26***
STATE STREET DUMP	***SEE LOCATION DESCRIP***	***SW 1/8 - 1/4 (0.185 mi.)***	***J81***	***27***
RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J82	27
EATON STREET PROPERT	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H85***	***28***
CHESTER STREET FEDEX	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H86	28
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
MNDOT LAFAYETTE BRID	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P113***	***35***
LAFAYETTE CENTER	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***36***
COLLINS COMMUNICATIO	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***36***
VACANT BUILDING	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***37***
LAFAYETTE CENTER	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***38***
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U134***	***41***
245 LAFAYETTE OFFICE	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***42***
SCANLAN INTERNATIONA	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U140***	***43***
VIKING DRILL & TOOL	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***46***
240 PLATO	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***48***
VIKING DRILL AND TOO	SEE LOCATION DESCRIP	SW 1/4 - 1/2 (0.370 mi.)	AB157	49
MINI STORAGE	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***51***
GREENTREE HANGAR	HOLMAN FIELD NEAR EA	SSE 1/4 - 1/2 (0.390 mi.)	AF169	52
STATE STREET VACANT	***STATE ST***	***W 1/4 - 1/2 (0.401 mi.)***	***AC172***	***53***
GREENTREE HANGAR #2	HOLMAN FIELD NEAR EA	S 1/4 - 1/2 (0.419 mi.)	AG181	55
FILLMORE REDEVELOPME	***FILLMORE, FAIRFIELD***	***SW 1/4 - 1/2 (0.441 mi.)***	***AJ189***	***58***
REGENT AVIATION	***SEE LOCATION DESCRIP***	***SSE 1/4 - 1/2 (0.455 mi.)***	***AO205***	***62***
NSP	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***69***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHPORT ADDITION	SEE LOCATION DESCRIP	NNE 1/8 - 1/4 (0.206 mi.)	M94	30
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.291 mi.)***	***V127***	***39***
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***41***
295 STATE STREET	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***47***
RIVERVIEW IND. PARK	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.372 mi.)***	***AD159***	***49***
HOLMAN FIELD	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***54***
MOLEX INC. COPPER FL	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***56***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED HEALTHCARE HA	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***58***
30 PLATO BOULEVARD E	30 E PLATO	WSW 1/4 - 1/2 (0.442 mi.)	AH192	59
UNITED POSTAL SERVIC	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***63***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/18/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HMONG AMERICAN FUNER	***NE OF EATON ST AND W***	***SSW 1/4 - 1/2 (0.373 mi.)***	***161***	***49***
ACRES property ID: 15857				

Local Lists of Hazardous waste / Contaminated Sites

MN SRS: A review of the MN SRS list, as provided by EDR, and dated 08/24/2018 has revealed that there are 69 MN SRS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLMAN FIELD	***DOWTOWN SAINT PAUL A***	***0 - 1/8 (0.000 mi.)***	***A17***	***11***
Facility Id: LS0009175				
ST. PAUL FC PROJECT	***FLOOD FRINGE-NEAR HO***	***NW 0 - 1/8 (0.070 mi.)***	***B19***	***12***
Facility Id: VP2980				
Facility Id: VP2981				
FED EX	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C32	15
Facility Id: PB4708				
FEDEX ST. PAUL FACIL	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C33	15
Facility Id: LS0019015				
FEDERAL EXPRESS	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C34	16
Facility Id: LS0011333				
BELL COLD STORAGE	***250 CHESTER ST***	***W 0 - 1/8 (0.118 mi.)***	***35***	***16***
Facility Id: LS0008219				
BELL COLD STORAGE PT	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***17***
Facility Id: VP5400				
Facility Id: VP5401				
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G55***	***21***
Facility Id: VP9840				
Facility Id: VP7540				
STATE STREET DUMP	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.169 mi.)	H61	23

Facility Id: SA0008440				
SAINT PAUL DOWNTOWN	***BAYFIELD ST***	***NNW 1/8 - 1/4 (0.170 mi.)***	***63***	***23***
Facility Id: LS0004370				
RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J70	25
Facility Id: VP4351				
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J74***	***25***
Facility Id: VP4350				
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J77***	***26***
Facility Id: VP4352				
RIVERVIEW BUSINESS P	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J80	27
Facility Id: PB4793				
RIVERVIEW BUSINESS C	268-380 LAFAYETTE FR	SW 1/8 - 1/4 (0.185 mi.)	J83	27
Facility Id: BF0000682				
EATON STREET PROPERT	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H87***	***28***
Facility Id: VP5922				
STATE STREET DUMP	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H88	28
Facility Id: VP5920				
EXECUTIVE IFT INC	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***31***
Facility Id: LS0005572				
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
Facility Id: VP6820				
Facility Id: VP6821				
Facility Id: VP6822				
Facility Id: LS0010760				
Facility Id: LS0003631				
MNDOT LAFAYETTE BRID	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P112***	***35***
Facility Id: VP25830				
LAFAYETTE CENTER	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***36***
Facility Id: VP32650				
COLLINS COMMUNICATIO	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***36***
Facility Id: VP10160				
VACANT BUILDING	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***37***
Facility Id: VP9260				
Facility Id: VP9261				
LAFAYETTE CENTER	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***38***
Facility Id: BF0000604				
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U133***	***40***
Facility Id: VP12630				
245 LAFAYETTE OFFICE	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***42***
Facility Id: VP21510				
NATIONAL OIL BARCOM	245 LAFAYETTE FRONTA	W 1/4 - 1/2 (0.312 mi.)	X138	42
Facility Id: BF0000597				
SCANLAN INTERNATIONA	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U139***	***42***
Facility Id: VP16980				
DALLAS AIRMOTIVE INC	***330 BRAVO LN***	***S 1/4 - 1/2 (0.317 mi.)***	***Y141***	***43***
Facility Id: LS0016239				
FORMER GAS STATION	***175 W LAFAYETTE RD***	***W 1/4 - 1/2 (0.338 mi.)***	***145***	***44***

Facility Id: LS0012409				
M A C/HOLMAN FIELD	***645 BAYFIELD ST***	***ENE 1/4 - 1/2 (0.347 mi.)***	***147***	***45***
Facility Id: LS0004458				
Facility Id: LS0000935				
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.353 mi.)***	***148***	***45***
Facility Id: VP12320				
Facility Id: VP12321				
REGENT AVIATION	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.355 mi.)***	***Y150***	***46***
Facility Id: VP14100				
MINNESOTA JET INC	***410 BRAVO LN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y151***	***46***
Facility Id: LS0012499				
VIKING DRILL & TOOL	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***46***
Facility Id: BF0000554				
Facility Id: VP26600				
VIKING DRILL AND TOO	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB153***	***47***
Facility Id: VP5921				
240 PLATO	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***48***
Facility Id: VP18330				
Facility Id: BF0000515				
DAKOTA BARGE	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE162***	***50***
Facility Id: LS0003798				
MINI STORAGE	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***51***
Facility Id: VP4890				
Facility Id: VP4891				
RIVERVIEW IND. PARK	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.388 mi.)***	***AD166***	***51***
Facility Id: VP14520				
GREENTREE HANGAR	***HOLMAN FIELD NEAR EA***	***SSE 1/4 - 1/2 (0.390 mi.)***	***AF167***	***51***
Facility Id: VP7020				
STATE STREET DUMP	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***52***
Facility Id: VP15270				
GREENTREE HANGAR #2	***HOLMAN FIELD NEAR EA***	***S 1/4 - 1/2 (0.418 mi.)***	***AG179***	***55***
Facility Id: VP7021				
ASSET RECOVERY CORP	***150 STATE ST***	***WNW 1/4 - 1/2 (0.444 mi.)***	***AL199***	***61***
Facility Id: LS0002921				
NSP	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***69***
Facility Id: LS0019522				
Facility Id: LS0003741				
Facility Id: PB4621				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHPORT ADDITION	***SEE LOCATION DESCRIP***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M96***	***30***
Facility Id: VP9841				
REMACKEL SALVAGE SIT	***SEE LOCATION DESCRIP***	***NNE 1/4 - 1/2 (0.280 mi.)***	***T122***	***38***
Facility Id: MND981952112				
PORT AUTHORITY ASH S	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.293 mi.)***	***V128***	***39***
Facility Id: SA0008349				
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***41***

Facility Id: VP32220 Facility Id: VP32221 Facility Id: LS0019707 Facility Id: PB4847				
RIVERVIEW INDUSTRIAL Facility Id: VP13770	***SEE LOCATION DESCRIP***	***SSW 1/4 - 1/2 (0.319 mi.)***	***W143***	***44***
295 STATE STREET Facility Id: VP30400	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***47***
HOLMAN FIELD Facility Id: VP19810 Facility Id: LS0015237	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***54***
MOLEX INC. COPPER FL Facility Id: VP21120 Facility Id: VP21121 Facility Id: VP21122	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***56***
ST. PAUL AIRPORT HOL Facility Id: LS0015194	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***56***
UNITED HEALTHCARE HA Facility Id: VP6940	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***58***
STATE STREET DUMP, F Facility Id: SA0004192	SEE LOCATION DESCRIP	WSW 1/4 - 1/2 (0.442 mi.)	AH194	59
FILLMORE REDEVELOPME Facility Id: VP33230	***FILLMORE, FAIRFIELD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH195***	***60***
FILLMORE REDEVELOPME Facility Id: PB4887	FILLMORE, FAIRFIELD	WSW 1/4 - 1/2 (0.442 mi.)	AH196	60
USPS VEHICLE MAINTEN Facility Id: LS0020733	***314 EVA ST***	***WSW 1/4 - 1/2 (0.451 mi.)***	***AM201***	***61***
UNITED POSTAL SERVIC Facility Id: VP3610	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***63***
U.S. POSTAL SERVICE Facility Id: LS0004482	***285 S EVA ST***	***WSW 1/4 - 1/2 (0.471 mi.)***	***AM211***	***64***
ST. PAUL AIRPORT HOL Facility Id: LS0020402	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ212	64
ST. PAUL DOWNTOWN AI Facility Id: SA0002096	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ213	64
ST. PAUL DOWNTOWN AI Facility Id: LS0014053	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ214	65
RC AVIONICS Facility Id: LS0014054	644 BAYFIELD ST	E 1/4 - 1/2 (0.471 mi.)	AQ215	65
FORMER BULK FACILITY Facility Id: LS0018399	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***65***
WINGS INC (ST PAUL D Facility Id: LS0006985	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***66***
3M AVIATION Facility Id: LS0004502	***690 BAYFIELD ST***	***E 1/4 - 1/2 (0.491 mi.)***	***AS223***	***67***
REGENT AVIATION Facility Id: LS0001542	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***68***

MN DEL PLP: A review of the MN DEL PLP list, as provided by EDR, and dated 08/24/2018 has revealed that there are 2 MN DEL PLP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMDURA Facility Id: 201519	***68 S ROBERT ST***	***WNW 1/2 - 1 (0.780 mi.)***	***230***	***70***
43 EAST WATER STREET Facility Id: 194957	***43 E WATER ST***	***W 1/2 - 1 (0.943 mi.)***	***233***	***71***

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 12 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONARCH WOOD PRODUCT EPA ID:: MND985712199	276 CHESTER ST	SSW 0 - 1/8 (0.090 mi.)	C21	12
MN DOA TRAVEL MANAGE EPA ID:: MNR000043265	296 CHESTER ST	SSW 0 - 1/8 (0.110 mi.)	D25	13
SEALED AIR CORP EPA ID:: MND087673935	***310 CHESTER ST***	***SSW 1/8 - 1/4 (0.133 mi.)***	***D42***	***18***
FEDERAL EXPRESS CORP EPA ID:: MND985666890	***216 CHESTER ST***	***WNW 1/8 - 1/4 (0.136 mi.)***	***E44***	***18***
NEW TECH INDUSTRIAL EPA ID:: MND985770809	***324 CHESTER ST***	***SSW 1/8 - 1/4 (0.143 mi.)***	***D48***	***19***
CRITCIAL CARE SVCS D EPA ID:: MND985770452	***336 CHESTER ST B***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F51***	***20***
RIVERVIEW BUSINESS P EPA ID:: MNR000032664	***336 CHESTER ST/UNIT***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F52***	***20***
AIR METHODS CORP EPA ID:: MND981790124	***336 CHESTER ST***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F53***	***21***
WILBRECHT ELECTRONIC EPA ID:: MND982213548	***346 CHESTER ST***	***SSW 1/8 - 1/4 (0.160 mi.)***	***F60***	***22***
SPRC PACKAGING FIRST EPA ID:: MN0000066209	341 CHESTER ST	SSW 1/8 - 1/4 (0.180 mi.)	F64	23
EXECUTIVE IFT INC EPA ID:: MND063575443	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N99***	***31***
DIGIT IMAGING CENTER EPA ID:: MND006194492	284 LAFAYETTE FRONTA	SSW 1/8 - 1/4 (0.237 mi.)	O104	33

EXECUTIVE SUMMARY

MN MANIFEST: A review of the MN MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there are 11 MN MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MN DOA TRAVEL MANAGE	296 CHESTER ST	SSW 0 - 1/8 (0.110 mi.)	D24	13
ISD 625 TRANSPORTATI	261 CHESTER ST	SW 0 - 1/8 (0.113 mi.)	C30	15
SEALED AIR CORP	310 CHESTER ST	SSW 1/8 - 1/4 (0.133 mi.)	D41	18
FEDERAL EXPRESS CORP	216 CHESTER ST	WNW 1/8 - 1/4 (0.136 mi.)	E43	18
MINUTEMAN PRESS - CH	322 CHESTER ST	SSW 1/8 - 1/4 (0.143 mi.)	D47	19
AIR METHODS CORP	336 CHESTER ST	SSW 1/8 - 1/4 (0.154 mi.)	F50	20
WILBRECHT ELECTRICS	346 CHESTER ST	SSW 1/8 - 1/4 (0.160 mi.)	F58	22
JASPER ENGINES & TRA	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J78	26
C & G OFFICE PRODUCT	272 E LAFAYETTE RD	SSW 1/8 - 1/4 (0.202 mi.)	K91	29
528 PARTNERSHIP LLP	***345 E PLATO BLVD***	***WNW 1/8 - 1/4 (0.204 mi.)***	***L93***	***29***
VOMELA SPECIALTIES R	444 FILLMORE AVE E	NW 1/8 - 1/4 (0.245 mi.)	P106	33

WI MANIFEST: A review of the WI MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 WI MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
ACT Status: A				
FID: 999509390				
EPA ID: MND000826214				

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 07/01/2018 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MICRO MEDICS INCORPO	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J79	27
EPA ID: MND980896435				

MN LS: A review of the MN LS list, as provided by EDR, and dated 04/22/2009 has revealed that there are 25 MN LS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST. PAUL FC PROJECT	***FLOOD FRINGE-NEAR HO***	***NW 0 - 1/8 (0.070 mi.)***	***B19***	***12***
MPCA Id: VP2981				
Link ID: 3434				
BELL COLD STORAGE PT	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***17***
MPCA Id: VP5401				
Link ID: 4316				
RIDDER CIRCLE PROPER	SEE LOCATION DESCRIP	N 1/8 - 1/4 (0.157 mi.)	G56	21
MPCA Id: VP9841				
Link ID: 4909				
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J72***	***25***

MPCA Id: VP4351 Link ID: 4366				
STATE STREET DUMP MPCA Id: VP5922 Link ID: 836	SEE LOCATION DESCRIP	WSW 1/8 - 1/4 (0.188 mi.)	H90	29
BROWN AND BIGELOW MPCA Id: VP6822 Link ID: 4321	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
COLLINS COMMUNICATIO MPCA Id: VP10160 Link ID: 4949	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***36***
VACANT BUILDING MPCA Id: VP9261 Link ID: 4822	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***37***
RIVERVIEW IND'L. PAR MPCA Id: VP12630 Link ID: 5230	SEE LOCATION DESCRIP	SW 1/4 - 1/2 (0.297 mi.)	U132	40
RIVERVIEW INDUSTRIAL MPCA Id: VP13770 Link ID: 5389	SEE LOCATION DESCRIP	SSW 1/4 - 1/2 (0.312 mi.)	W136	42
245 LAFAYETTE OFFICE MPCA Id: VP21510 Link ID: 6495	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***42***
SCANLAN INTERNATIONA MPCA Id: VP16980 Link ID: 5785	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U139***	***42***
240 PLATO MPCA Id: VP18330 Link ID: 6058	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***48***
MINI STORAGE MPCA Id: VP4891 Link ID: 4041	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***51***
GREEN TREE HANGAR MPCA Id: VP7021 Link ID: 4216	HOLMAN FIELD NEAR EA	SSE 1/4 - 1/2 (0.390 mi.)	AF168	52
STATE STREET DUMP MPCA Id: VP15270 Link ID: 5599	***SATE & CHESTER STREE***	***W 1/4 - 1/2 (0.401 mi.)***	***AC171***	***52***
REGENT AVIATION MPCA Id: VP14100 Link ID: 5443	SEE LOCATION DESCRIP	SSE 1/4 - 1/2 (0.455 mi.)	AO206	63

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
REMACKEL SALVAGE SIT MPCA Id: MND981952112 Link ID: 382	SEE LOCATION DESCRIP	NNE 1/4 - 1/2 (0.280 mi.)	T123	38
PORT AUTHORITY ASH S Link ID: 834	SEE LOCATION DESCRIP	N 1/4 - 1/2 (0.293 mi.)	V129	40
RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	N 1/4 - 1/2 (0.296 mi.)	V130	40

MPCA Id: VP7540 Link ID: 4402				
RIVERVIEW IND. PARK MPCA Id: VP14520 Link ID: 5499	SEE LOCATION DESCRIP	SW 1/4 - 1/2 (0.372 mi.)	AD160	49
335 ALPHA LANE MPCA Id: VP19810 Link ID: 6284	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG177***	***54***
MOLEX COPPER FLEX PR MPCA Id: VP21120 Link ID: 6505	155 EATON ST	SW 1/4 - 1/2 (0.429 mi.)	AH182	56
UNITED HEALTHCARE HA MPCA Id: VP6940 Link ID: 4179	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***58***
UNITED POSTAL SERVIC MPCA Id: VP3610 Link ID: 3422	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***63***

MN VAPOR: A review of the MN VAPOR list, as provided by EDR, and dated 09/07/2018 has revealed that there are 13 MN VAPOR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BELL COLD STORAGE PT	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E39***	***17***
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G55***	***21***
EATON STREET PROPERT	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H87***	***28***
BROWN AND BIGELOW	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
COLLINS COMMUNICATIO	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***36***
LAFAYETTE CENTER	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***38***
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***S 1/4 - 1/2 (0.353 mi.)***	***148***	***45***
VIKING DRILL & TOOL	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***46***
240 PLATO	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***48***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHPORT ADDITION	***SEE LOCATION DESCRIP***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M96***	***30***
PORT AUTHORITY ASH S	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.293 mi.)***	***V128***	***39***
FORMER BULK FACILITY	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***65***
WINGS INC (ST PAUL D	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***66***

MN WIMN: A review of the MN WIMN list, as provided by EDR, and dated 07/07/2018 has revealed that there are 120 MN WIMN sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLMAN FIELD Status: Y	***DOWTOWN SAINT PAUL A***	***0 - 1/8 (0.000 mi.)***	***A17***	***11***
ST. PAUL FC PROJECT Status: Y	FLOOD FRINGE-NEAR HO	NW 0 - 1/8 (0.070 mi.)	B20	12
MONARACH WOOD PRODUC	276 CHESTER ST	SSW 0 - 1/8 (0.090 mi.)	C22	13

Status: Y				
MONARCH WOOD PRODUCT	***292 CHESTER ST***	***SSW 0 - 1/8 (0.107 mi.)***	***C23***	***13***
Status: Y				
MN DOA TRAVEL MANAGE	***296 CHESTER ST***	***SSW 0 - 1/8 (0.110 mi.)***	***D26***	***13***
Status: N				
ISD 625 TRANSPORTATI	***261 CHESTER ST***	***SW 0 - 1/8 (0.113 mi.)***	***C28***	***14***
Status: Y				
BELL COLD STORAGE	***250 CHESTER ST***	***W 0 - 1/8 (0.118 mi.)***	***35***	***16***
Status: Y				
ATLAS COLD STORAGE U	***240 CHESTER ST***	***WNW 0 - 1/8 (0.123 mi.)***	***E36***	***16***
Status: N				
Status: Y				
BELL COLD STORAGE	***236-260 CHESTER ST***	***WNW 1/8 - 1/4 (0.127 mi.)***	***E38***	***17***
Status: Y				
SEALED AIR CORP	***310 CHESTER ST***	***SSW 1/8 - 1/4 (0.133 mi.)***	***D42***	***18***
Status: N				
FEDERAL EXPRESS CORP	***216 CHESTER ST***	***WNW 1/8 - 1/4 (0.136 mi.)***	***E44***	***18***
Status: N				
MINUTEMAN PRESS - CH	***322 CHESTER ST***	***SSW 1/8 - 1/4 (0.143 mi.)***	***D45***	***19***
Status: N				
NEW TECH INDUSTRIAL	***324 CHESTER ST***	***SSW 1/8 - 1/4 (0.143 mi.)***	***D48***	***19***
Status: N				
BLDG REMOVAL SP6244-	ADDRESS UNKNOWN	NE 1/8 - 1/4 (0.151 mi.)	49	20
Status: N				
AIR METHODS CORP	***336 CHESTER ST***	***SSW 1/8 - 1/4 (0.154 mi.)***	***F53***	***21***
Status: N				
DUCTS AND CLEATS	334 CHESTER ST	SSW 1/8 - 1/4 (0.156 mi.)	F54	21
Status: Y				
RIDDER CIRCLE PROPER	***SEE LOCATION DESCRIP***	***N 1/8 - 1/4 (0.157 mi.)***	***G57***	***22***
Status: Y				
WILBRECHT ELECTRICS	346 CHESTER ST	SSW 1/8 - 1/4 (0.160 mi.)	F59	22
Status: N				
SAINT PAUL DOWNTOWN	***BAYFIELD ST***	***NNW 1/8 - 1/4 (0.170 mi.)***	***63***	***23***
Status: Y				
PACKAGING FIRST DIV	341 CHESTER ST	SSW 1/8 - 1/4 (0.180 mi.)	F65	24
Status: Y				
JASPER ENGINES & TRA	268 E LAFAYETTE FRON	SW 1/8 - 1/4 (0.185 mi.)	J73	25
Status: Y				
RIVERVIEW BUSINESS P	***268-380 LAFAYETTE FR***	***SW 1/8 - 1/4 (0.185 mi.)***	***J76***	***26***
Status: Y				
STATE STREET DUMP	***SEE LOCATION DESCRIP***	***SW 1/8 - 1/4 (0.185 mi.)***	***J81***	***27***
Status: Y				
EATON STREET PROPERT	***SEE LOCATION DESCRIP***	***WSW 1/8 - 1/4 (0.188 mi.)***	***H85***	***28***
Status: Y				
C & G OFFICE PRODUCT	***272 E LAFAYETTE RD***	***SSW 1/8 - 1/4 (0.202 mi.)***	***K92***	***29***
Status: N				
EXECUTIVE IFT INC	***590 BAYFIELD ST***	***NE 1/8 - 1/4 (0.213 mi.)***	***N100***	***31***

Status: Y				
529 LIMITED PARTNERS Status: Y	***345 PLATO BLVD E***	***W 1/8 - 1/4 (0.220 mi.)***	***L101***	***32***
BROWN AND BIGELOW Status: Y	***345 PLATO BLVD***	***W 1/8 - 1/4 (0.220 mi.)***	***L102***	***32***
VALSPAR CONTRACTOR S Status: Y	284 E LAFAYETTE RD	SSW 1/8 - 1/4 (0.237 mi.)	O105	33
VOMELA SPECIALTIES R Status: Y	***444 FILLMORE AVE E***	***NW 1/8 - 1/4 (0.245 mi.)***	***P107***	***34***
SURGICAL TECHNOLOGIE Status: N	292 E LAFAYETTE FRON	SSW 1/4 - 1/2 (0.255 mi.)	O108	34
ADVANCE CORPADVANCE Status: N	287 S LAFAYETTE RD	WSW 1/4 - 1/2 (0.258 mi.)	Q109	34
ST PAUL FLIGHT CENTE Status: N Status: Y	***270 AIRPORT RD***	***S 1/4 - 1/2 (0.260 mi.)***	***R110***	***34***
AIR METHODS CORP Status: N	270 AIRPORT DR STE 1	S 1/4 - 1/2 (0.260 mi.)	R111	35
MNDOT LAFAYETTE BRID Status: Y	***SEE LOCATION DESCRIP***	***NW 1/4 - 1/2 (0.261 mi.)***	***P113***	***35***
GRAINGER INDUSTRIAL Status: N	***277 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.261 mi.)***	***Q114***	***35***
LAFAYETTE CENTER Status: Y	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.264 mi.)***	***115***	***36***
COLLINS COMMUNICATIO Status: Y	***273 W LAFAYETTE FRON***	***WSW 1/4 - 1/2 (0.267 mi.)***	***Q116***	***36***
ST. PAUL FLIGHT CENT Status: Y	***278 AIRPORT DR***	***S 1/4 - 1/2 (0.271 mi.)***	***R117***	***36***
VACANT BUILDING Status: Y	***265 LAFAYETTE FRONTA***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S118***	***37***
METRO DEAF SCHOOL Status: N	***265 W LAFAYETTE RD S***	***WSW 1/4 - 1/2 (0.271 mi.)***	***S119***	***37***
ST PAUL FLIGHT CENTE Status: N	280 AIRPORT DR	S 1/4 - 1/2 (0.274 mi.)	R120	37
SAINT PAUL FLIGHT CE Status: N	280 AIRPORT INC	S 1/4 - 1/2 (0.274 mi.)	R121	38
LAFAYETTE CENTER Status: Y	***285 E FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U124***	***38***
MINNESOTA LIFE Status: Y	***285 FLORIDA ST***	***SW 1/4 - 1/2 (0.281 mi.)***	***U125***	***39***
REGENT EQUIPMENT MAI Status: N	***290 AIRPORT DR***	***S 1/4 - 1/2 (0.287 mi.)***	***R126***	***39***
RIVERVIEW IND'L. PAR Status: Y	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U131***	***40***
RIVERVIEW INDUSTRIAL Status: Y	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.297 mi.)***	***U134***	***41***
245 LAFAYETTE OFFICE	***245 LAFAYETTE FRONTA***	***W 1/4 - 1/2 (0.312 mi.)***	***X137***	***42***

Status: Y				
SCANLAN INTERNATIONA	***ONE SCANLAN PLAZA***	***SW 1/4 - 1/2 (0.313 mi.)***	***U140***	***43***
Status: N				
DALLAS AIRMOTIVE INC	***330 BRAVO LN***	***S 1/4 - 1/2 (0.317 mi.)***	***Y141***	***43***
Status: Y				
3M ST. PAUL - OH & E	***410 E FILLMORE AVE***	***NW 1/4 - 1/2 (0.333 mi.)***	***Z144***	***44***
Status: Y				
FORMER GAS STATION	***175 W LAFAYETTE RD***	***W 1/4 - 1/2 (0.338 mi.)***	***145***	***44***
Status: Y				
COLLINS ELECTRICAL &	***278 STATE ST***	***WSW 1/4 - 1/2 (0.340 mi.)***	***AA146***	***45***
Status: Y				
M A C/HOLMAN FIELD	***645 BAYFIELD ST***	***ENE 1/4 - 1/2 (0.347 mi.)***	***147***	***45***
Status: Y				
XCEL ENERGY - AVIATI	***410 BRAVO LN HOLMAN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y149***	***46***
Status: Y				
MINNESOTA JET INC	***410 BRAVO LN***	***S 1/4 - 1/2 (0.355 mi.)***	***Y151***	***46***
Status: Y				
VIKING DRILL & TOOL	***355 STATE ST***	***SW 1/4 - 1/2 (0.356 mi.)***	***AB152***	***46***
Status: Y				
240 PLATO	***240 PLATO BLVD EAST***	***W 1/4 - 1/2 (0.365 mi.)***	***AC155***	***48***
Status: Y				
AMERICRAFT CARTON IN	***403 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.366 mi.)***	***Z156***	***48***
Status: Y				
AERO SYSTEMS ENGINEE	***358 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.370 mi.)***	***158***	***49***
Status: Y				
DAKOTA BARGE	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE162***	***50***
Status: Y				
SEMPLE RECYCLING & C	***91 RIDDER CIR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***AE163***	***50***
Status: Y				
THOELE PRINTING INC	***253 STATE ST STE A***	***WSW 1/4 - 1/2 (0.382 mi.)***	***164***	***50***
Status: N				
MINI STORAGE	***246 EATON ST***	***SSW 1/4 - 1/2 (0.384 mi.)***	***AD165***	***51***
Status: Y				
GREEN TREE HANGAR	HOLMAN FIELD NEAR EA	SSE 1/4 - 1/2 (0.390 mi.)	AF170	52
Status: Y				
STATE STREET VACANT	***STATE ST***	***W 1/4 - 1/2 (0.401 mi.)***	***AC172***	***53***
Status: Y				
BALLISTIC RECOVERY S	***380 AIRPORT RD***	***S 1/4 - 1/2 (0.406 mi.)***	***AG173***	***53***
Status: N				
RTC INC	***180 STATE ST***	***W 1/4 - 1/2 (0.413 mi.)***	***175***	***53***
Status: N				
LIT MIDWAY LLT	141 S LAFAYETTE RD	WNW 1/4 - 1/2 (0.416 mi.)	176	54
Status: Y				
Status: N				
CCI PILOT SERVICES I	***350 ALPHA LN***	***S 1/4 - 1/2 (0.418 mi.)***	***AG180***	***55***
Status: N				
CNW TRANS	***206 EATON ST***	***SW 1/4 - 1/2 (0.430 mi.)***	***AJ185***	***57***

Status: Y				
MNDOT AERONAUTICS BU Status: Y	222 E PLATO BLVD	W 1/4 - 1/2 (0.436 mi.)	AK186	57
FILLMORE REDEVELOPME Status: Y	***FILLMORE, FAIRFIELD***	***SW 1/4 - 1/2 (0.441 mi.)***	***AJ189***	***58***
TURSSO COMPANIES INC Status: Y	***223 E PLATO BLVD***	***W 1/4 - 1/2 (0.443 mi.)***	***AK197***	***60***
PEOPLE SERVING PEOPL Status: N	***353 E FILLMORE AVE***	***NW 1/4 - 1/2 (0.443 mi.)***	***198***	***60***
ASSET RECOVERY CORP Status: Y	***150 STATE ST***	***WNW 1/4 - 1/2 (0.444 mi.)***	***AL199***	***61***
NOVA MEDICAL INC Status: Y	150 EATON ST	SW 1/4 - 1/2 (0.452 mi.)	AH203	62
REGENT AVIATION Status: Y	***SEE LOCATION DESCRIP***	***SSE 1/4 - 1/2 (0.455 mi.)***	***AO205***	***62***
AMERICAN DRIVE AXLE Status: N	145 STATE ST	W 1/4 - 1/2 (0.456 mi.)	AL207	63
MNDOT PARCEL 5 DEMO Status: N	339 FILLMORE ST	NW 1/4 - 1/2 (0.459 mi.)	AP209	63
RTC INC - ST PAUL Status: N	***343 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.463 mi.)***	***AP210***	***64***
MODERNISTIC INDUSTRI Status: Y	***139 STATE ST***	***WNW 1/4 - 1/2 (0.473 mi.)***	***AL217***	***65***
WALMAN OPTICAL CO IN Status: Y	230 EVA ST	WSW 1/4 - 1/2 (0.475 mi.)	AR218	66
DWIGHT MANAGEMENT Status: N	***605 EATON ST***	***SSE 1/4 - 1/2 (0.477 mi.)***	***AN219***	***66***
PHOENIX RESIDENCE IN Status: N	***135 E COLORADO ST***	***SW 1/4 - 1/2 (0.486 mi.)***	***221***	***67***
SAINT PAUL FUNERAL H Status: Y	199 PLATO BLVD E	W 1/4 - 1/2 (0.491 mi.)	224	68
NSP Status: Y	***215 EVA ST***	***WSW 1/4 - 1/2 (0.496 mi.)***	***AR227***	***69***
SOLANGE AUTO SERVICE Status: N Status: Y	***291 FILLMORE AVE E***	***NW 1/4 - 1/2 (0.499 mi.)***	***AP229***	***70***

Lower Elevation	Address	Direction / Distance	Map ID	Page
2014 PAVEMENT REHAB Status: N	ADDRESS UNKNOWN	SE 1/8 - 1/4 (0.180 mi.)	I66	24
2012 PAVEMENT REHABI Status: N	ADDRESS UNKNOWN	SE 1/8 - 1/4 (0.180 mi.)	I67	24
DOBOSZENSKI & SONS I Status: Y	***9520 COUNTY RD 19***	***NNE 1/8 - 1/4 (0.206 mi.)***	***M95***	***30***
REMACKEL SALVAGE SIT Status: Y	***SEE LOCATION DESCRIP***	***NNE 1/4 - 1/2 (0.280 mi.)***	***T122***	***38***
RIVERVIEW INDUSTRIAL	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.291 mi.)***	***V127***	***39***

Status: Y				
PORT AUTHORITY ASH S	***SEE LOCATION DESCRIP***	***N 1/4 - 1/2 (0.293 mi.)***	***V128***	***39***
Status: Y				
FORMER PIONEER PRESS	***1 RIDDER CIR***	***NNE 1/4 - 1/2 (0.299 mi.)***	***135***	***41***
Status: Y				
RIVERVIEW INDUSTRIAL	SEE LOCATION DESCRIP	SSW 1/4 - 1/2 (0.319 mi.)	W142	43
Status: Y				
295 STATE STREET	***295 STATE ST***	***WSW 1/4 - 1/2 (0.361 mi.)***	***AA154***	***47***
Status: Y				
RIVERVIEW IND. PARK	***SEE LOCATION DESCRIP***	***SW 1/4 - 1/2 (0.372 mi.)***	***AD159***	***49***
Status: Y				
2011 PAVEMENT REHAB	ADDRESS UNKNOWN	SE 1/4 - 1/2 (0.411 mi.)	174	53
Status: N				
HOLMAN FIELD	***335 ALPHA LN***	***S 1/4 - 1/2 (0.417 mi.)***	***AG178***	***54***
Status: Y				
Status: N				
MOLEX INC. COPPER FL	***155 EATON ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***AH183***	***56***
Status: Y				
ST. PAUL AIRPORT HOL	***520 EATON ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AI184***	***56***
Status: Y				
UNITED HEALTHCARE HA	***513 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI187***	***58***
Status: Y				
Status: N				
MINNESOTA STATE PATR	***515 EATON ST***	***S 1/4 - 1/2 (0.437 mi.)***	***AI188***	***58***
Status: Y				
UNIVERSITY OF MINNES	***HARRIET ISLAND RD***	***WSW 1/4 - 1/2 (0.442 mi.)***	***AH190***	***59***
Status: Y				
STATE AND CONCORD TO	SEE LOCATION DESCRIP	WSW 1/4 - 1/2 (0.442 mi.)	AH191	59
Status: N				
ASSOCIATED MICROFILM	156 BREMER BLDG	WSW 1/4 - 1/2 (0.442 mi.)	AH193	59
Status: N				
AIR NET SYSTEMS	***527 EATON ST***	***SSE 1/4 - 1/2 (0.444 mi.)***	***AI200***	***61***
Status: N				
US POSTAL SERVICE VE	***314 EVA ST***	***WSW 1/4 - 1/2 (0.451 mi.)***	***AM202***	***62***
Status: Y				
SIGNATURE FLIGHT SUP	***529 EATON ST***	***SSE 1/4 - 1/2 (0.453 mi.)***	***AN204***	***62***
Status: Y				
UNITED POSTAL SERVIC	***314 S EVA ST***	***WSW 1/4 - 1/2 (0.458 mi.)***	***AM208***	***63***
Status: Y				
U.S. POSTAL SERVICE	***285 S EVA ST***	***WSW 1/4 - 1/2 (0.471 mi.)***	***AM211***	***64***
Status: Y				
FORMER BULK FACILITY	***291 EVA ST***	***WSW 1/4 - 1/2 (0.472 mi.)***	***AM216***	***65***
Status: N				
Status: Y				
WINGS INC (ST PAUL D	***670 BAYFIELD ST***	***E 1/4 - 1/2 (0.484 mi.)***	***AQ220***	***66***
Status: N				
US ARMY RESERVE FLIG	680 BAYFIELD ST	E 1/4 - 1/2 (0.487 mi.)	AQ222	67

Status: Y				
3M AVIATION	***690 BAYFIELD ST***	***E 1/4 - 1/2 (0.491 mi.)***	***AS223***	***67***
Status: Y				
SANBORN AVIATION INC	700 BAYFIELD	E 1/4 - 1/2 (0.494 mi.)	AS225	68
Status: N				
REGENT AVIATION	***700 BAYFIELD ST***	***E 1/4 - 1/2 (0.494 mi.)***	***AS226***	***68***
Status: Y				
Status: N				
WARNER ROAD PROPERTY	***600 WARNER RD***	***NNE 1/4 - 1/2 (0.496 mi.)***	***228***	***69***
Status: N				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PINTSON COMPRESSING	257 COMMERCIAL STREE	N 1/2 - 1 (0.820 mi.)	231	70
ST. PAUL GAS MFG SIT	OLIVE ST BTWN 4TH AN	NW 1/2 - 1 (0.993 mi.)	234	72

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAINT PAUL	S115794385	HOLMAN FIELD	DOWTOWN ST PAUL AIRPORT		MN RGA LUST
SAINT PAUL	1023457690	HOLMAN FIELD	DOWTOWN SAINT PAUL AIRPORT	55107	FINDS
ST. PAUL	1003871987	BURLINGTON NORTHERN DAYTONS BLUFF	WARNER RD	55106	SEMS-ARCHIVE

OVERVIEW MAP - 5454377.2S

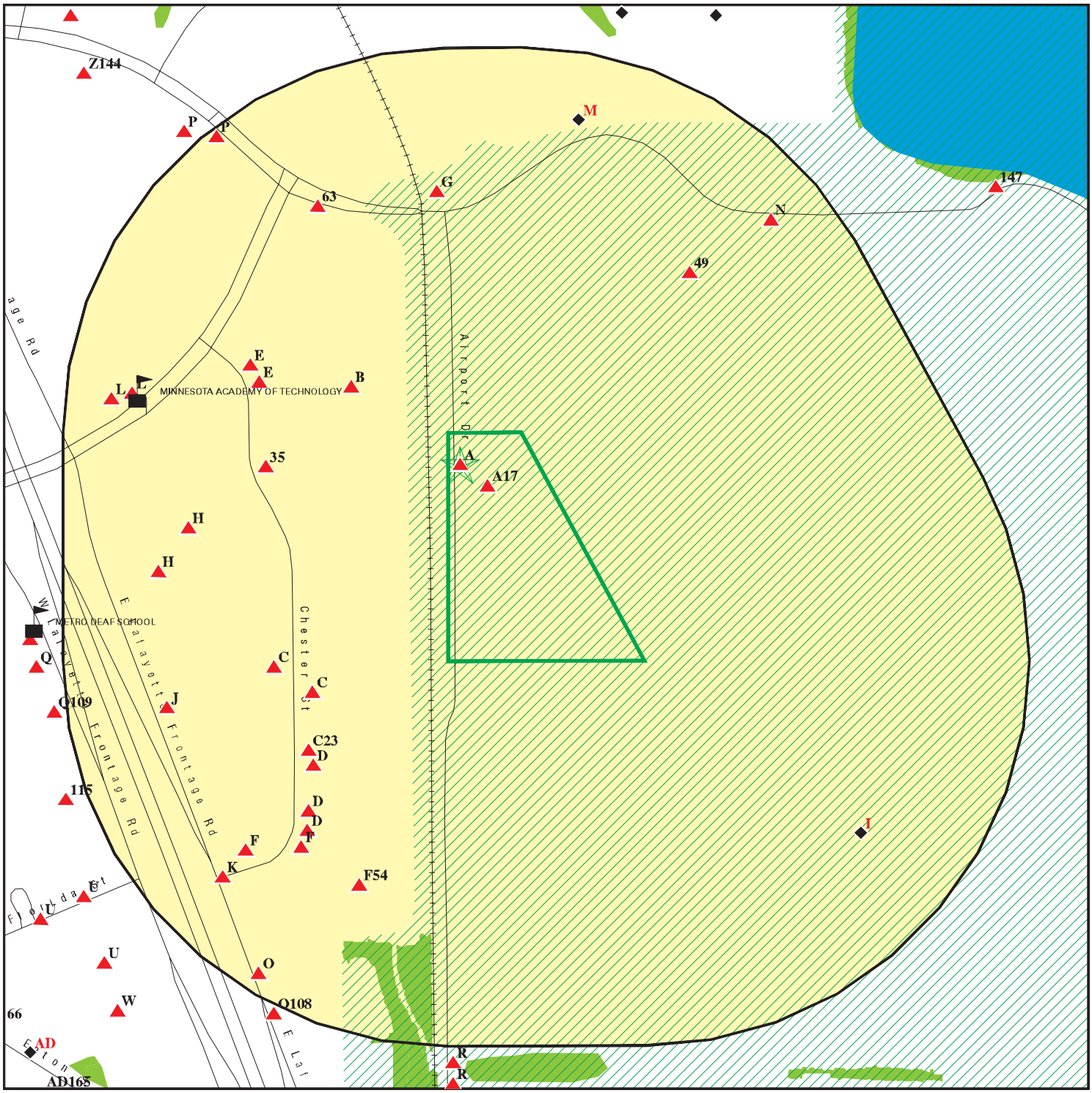
0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Upgradient Area

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Holman Field	CLIENT: AECOM
ADDRESS: 206 Airport Road Saint Paul MN 55107	CONTACT: Brittany Kirchmann
LAT/LONG: 44.939868 / 93.069707	INQUIRY #: 5454377.2s DATE: October 16, 2018 9:03 am

DETAIL MAP - 5454377.2S



0 1/16 1/8 1/4 Miles

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Holman Field	CLIENT: AECOM
ADDRESS: 206 Airport Road Saint Paul MN 55107	CONTACT: Brittany Kirchmann INQUIRY #: 5454377.2s
LAT/LONG: 44.939868 / 93.069707	DATE: October 16, 2018 9:07 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	3	5	NR	NR	NR	9
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
MN PLP	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
MN SHWS	1.000		0	0	0	3	NR	3
State and tribal landfill and/or solid waste disposal site lists								
MN SWF/LF	0.500		0	0	1	NR	NR	1
MN UNPERM LF	0.500		0	0	1	NR	NR	1
MN LCP	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
MN LUST	0.500	1	3	3	16	NR	NR	23

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MN LAST	0.500		0	1	3	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
MN UST	0.250	2	1	2	NR	NR	NR	5
MN AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MN INST CONTROL	0.500		0	1	5	NR	NR	6
State and tribal voluntary cleanup sites								
MN VIC	0.500		2	10	26	NR	NR	38
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
MN BROWNFIELDS	0.500		2	13	27	NR	NR	42
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
MN SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
MN SRS	0.500	1	6	14	49	NR	NR	70
MN CDL	TP		NR	NR	NR	NR	NR	0
MN DEL PLP	1.000		0	0	0	2	NR	2
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
MN LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
MN SPILLS	TP		NR	NR	NR	NR	NR	0
MN AGSPILLS	TP		NR	NR	NR	NR	NR	0
MN SPILLS 90	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MN SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	2	10	NR	NR	NR	13
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	4	NR	NR	NR	NR	NR	4
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	2	NR	NR	NR	NR	NR	2
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
MN AGVIC	0.500		0	0	0	NR	NR	0
MN AIRS	TP	1	NR	NR	NR	NR	NR	1
MN ASBESTOS	TP		NR	NR	NR	NR	NR	0
MN BULK	0.250		0	0	NR	NR	NR	0
MN COAL ASH	0.500		0	0	0	NR	NR	0
MN DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MN ENF	TP	1	NR	NR	NR	NR	NR	1
MN Financial Assurance	TP	2	NR	NR	NR	NR	NR	2
MN HWS Permit	1.000		0	0	0	0	NR	0
MN LEAD	TP		NR	NR	NR	NR	NR	0
MN MANIFEST	0.250	1	2	9	NR	NR	NR	12

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WI MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		0	1	NR	NR	NR	1
MN MDA LIS	0.250		0	0	NR	NR	NR	0
MN LS	0.500		1	5	19	NR	NR	25
MN TIER 2	TP	2	NR	NR	NR	NR	NR	2
MN VAPOR	0.500		0	5	8	NR	NR	13
MN WIMN	0.500	3	8	25	87	NR	NR	123
MN NPDES	TP	1	NR	NR	NR	NR	NR	1
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	2	NR	2
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
MN RGA HWS	TP		NR	NR	NR	NR	NR	0
MN RGA LF	TP		NR	NR	NR	NR	NR	0
MN RGA LUST	TP	4	NR	NR	NR	NR	NR	4
- Totals --		27	31	106	244	7	0	415

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property
AASF - SAINT PAUL
206 AIRPORT DR SAINT PAUL AIRPORT
SAINT PAUL, MN 55107

MN UST **U000886152**
MN Financial Assurance **N/A**

Actual:
700 ft.

Click here for full text details

MN Financial Assurance
PROGRAM ID: 193473

A2
Target Property
MN STATE NATL GUARD ARMORY
206 AIRPORT RD
ST PAUL, MN 55107

RCRA NonGen / NLR **1007103434**
MND985720986

Actual:
700 ft.

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND985720986

A3
Target Property
AASF - SAINT PAUL
206 AIRPORT DR SAINT PAUL AIRPORT
SAINT PAUL, MN 55107

FINDS **1023415920**
N/A

Actual:
700 ft.

Click here for full text details

FINDS
Registry ID:: 110067891106

A4
Target Property
ARMY AVIATION SUPPORT - HOLMAN FIELD
206 AIRPORT DR
SAINT PAUL, MN 55107

MN LUST **S103213299**
MN SRS **N/A**
MN ENF
MN WIMN
MN NPDES

Actual:
700 ft.

Click here for full text details

MN LUST
Site Id: LS0011755
Site Id: LS0005349
Closed Date: 11/4/1999
Closed Date: 12/6/1996

MN SRS
Facility Id: LS0011755
Facility Id: LS0005349

MN ENF
Facility Id: TS0010283

MN WIMN
Status: Y

A5
Target Property
Actual: 700 ft.

HOLMAN FIELD
206 AIRPORT DR
SAINT PAUL, MN

Database(s): **MN RGA LUST**
EDR ID Number: **S115794380**
EPA ID Number: **N/A**

Click here for full text details

A6
Target Property
Actual: 700 ft.

ARMY AVIATION SUPPORT - HOLMAN FIELD
206 AIRPORT DR
SAINT PAUL, MN 55107

Database(s): **MN MANIFEST**
EDR ID Number: **S119128279**
EPA ID Number: **N/A**

Click here for full text details

A7
Target Property
Actual: 700 ft.

HOLMAN FIELD/AVIATION SUPPORT FACILITY
206 AIRPORT DR
ST. PAUL, MN

Database(s): **MN RGA LUST**
EDR ID Number: **S115794379**
EPA ID Number: **N/A**

Click here for full text details

A8
Target Property
Actual: 700 ft.

ARMY AVIATION SUPPORT - HOLMAN FIELD
206 AIRPORT RD
SAINT PAUL, MN 55107

Database(s): **FINDS, ECHO**
EDR ID Number: **1016194890**
EPA ID Number: **N/A**

Click here for full text details

FINDS
Registry ID:: 110003794234

ECHO
Registry ID: 110003794234

A9
Target Property
Actual: 700 ft.

ARMY AVIATION SUPPORT FACILITY
206 AIRPORT RD
ST. PAUL, MN 55107

Database(s): **MN TIER 2**
EDR ID Number: **S107727235**
EPA ID Number: **N/A**

Click here for full text details

MN TIER 2
ERC Number: 9472
ERC Number: 620700188
Facility Status: ACTIVE

A10
Target
Property
AASF - SAINT PAUL
206 AIRPORT DR SAINT PAUL AIRPORT
SAINT PAUL, MN 55107

MN WIMN **S120054637**
N/A

Actual:
700 ft.

Click here for full text details

MN WIMN
Status: N

A11
Target
Property
HOLMAN FIELD
206 AIRPORT DR
ST. PAUL, MN

MN RGA LUST **S115794381**
N/A

Actual:
700 ft.

Click here for full text details

A12
Target
Property
ARMY AVIATION SUPPORT FACILITY
206 AIRPORT DR
ST. PAUL, MN 55107

RCRA-CESQG **1000306171**
MND980682207

Actual:
700 ft.

Click here for full text details

RCRA-CESQG
EPA Id: MND980682207

A13
Target
Property
HOLMAN FIELD/AVIATION SUPPORT FACILITY
206 AIRPORT DR
SAINT PAUL, MN

MN RGA LUST **S115794378**
N/A

Actual:
700 ft.

Click here for full text details

A14
Target
Property
MINNESOTA ARMY NATIONAL GUARD AASF1-HOLMAN FIELD
206 AIRPORT RD
MAPLEWOOD, MN 55109

FINDS **1023431391**
N/A

Actual:
700 ft.

Click here for full text details

FINDS
Registry ID:: 110068062214

A15
Target
Property

MN STATE NATL GUARD ARMORY
206 AIRPORT RD
ST PAUL, MN 55107

FINDS **1007138210**
ECHO **N/A**

Actual:
700 ft.

Click here for full text details

FINDS
Registry ID:: 110015864741

ECHO
Registry ID: 110015864741

A16
Target
Property

ARMY AVIATION SUPPORT - HOLMAN FIELD
206 AIRPORT DR
SAINT PAUL, MN 55107

MN UST **U000881654**
MN AIRS **N/A**
MN Financial Assurance
MN TIER 2
MN WIMN

Actual:
700 ft.

Click here for full text details

MN AIRS
Facility Id: 12300769

MN Financial Assurance
PROGRAM ID: 218019
PROGRAM ID: 224160
PROGRAM ID: 199452

MN TIER 2
ERC Number: 9472
Facility Status: ACTIVE

MN WIMN
Status: Y

A17

< 1/8
1 ft.

HOLMAN FIELD
DOWTOWN SAINT PAUL AIRPORT
SAINT PAUL, MN 55107

MN LUST **S119108974**
MN SRS **N/A**
MN WIMN

Relative:
Higher

Click here for full text details

MN LUST
Site Id: LS0009175
Closed Date: 8/7/1996

MN SRS
Facility Id: LS0009175

MN WIMN
Status: Y

B18
NW
< 1/8
0.070 mi.
369 ft.

Relative:
Higher

ST. PAUL FC PROJECT #2 (VP2980)
FLOOD FRINGE-NEAR HOLMAN FIELD
SAINT PAUL, MN 55107

MN BROWNFIELDS

S119124697
N/A

Click here for full text details

B19
NW
< 1/8
0.070 mi.
369 ft.

Relative:
Higher

ST. PAUL FC PROJECT #2 (VP2980)
FLOOD FRINGE-NEAR HOLMAN FIELD
SAINT PAUL, MN 55107

MN VIC
MN SRS
MN LS

S103228132
N/A

Click here for full text details

MN VIC
Facility Id: VP2980
Facility Id: VP2981

MN SRS
Facility Id: VP2980
Facility Id: VP2981

MN LS
Link ID: 3434
MPCA Id: VP2981

B20
NW
< 1/8
0.070 mi.
369 ft.

Relative:
Higher

ST. PAUL FC PROJECT #2
FLOOD FRINGE-NEAR HOLMAN FIELD
SAINT PAUL, MN 55107

MN WIMN

S120059742
N/A

Click here for full text details

MN WIMN
Status: Y

C21
SSW
< 1/8
0.090 mi.
476 ft.

Relative:
Higher

MONARCH WOOD PRODUCTS INC
276 CHESTER ST
ST PAUL, MN 55107

RCRA NonGen / NLR

1000626436
MND985712199

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND985712199

C22
SSW
< 1/8
0.090 mi.
476 ft.

Relative:
Higher

MONARACH WOOD PRODUCTS INC
276 CHESTER ST
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: Y

Database(s): MN WIMN
EDR ID Number: S110218491
EPA ID Number: N/A

C23
SSW
< 1/8
0.107 mi.
566 ft.

Relative:
Higher

MONARCH WOOD PRODUCTS INC
292 CHESTER ST
ST. PAUL, MN 55107

Click here for full text details

RCRA-CESQG
EPA Id: MNR000061168

MN WIMN
Status: Y

Database(s): RCRA-CESQG, MN WIMN
EDR ID Number: 1004738162
EPA ID Number: MNR000061168

D24
SSW
< 1/8
0.110 mi.
582 ft.

Relative:
Higher

MN DOA TRAVEL MANAGEMENT
296 CHESTER ST
SAINT PAUL, MN 55107

Click here for full text details

Database(s): MN MANIFEST
EDR ID Number: S119129775
EPA ID Number: N/A

D25
SSW
< 1/8
0.110 mi.
582 ft.

Relative:
Higher

MN DOA TRAVEL MANAGEMENT
296 CHESTER ST
ST. PAUL, MN 55107

Click here for full text details

RCRA NonGen / NLR
EPA Id: MNR000043265

Database(s): RCRA NonGen / NLR
EDR ID Number: 1004737440
EPA ID Number: MNR000043265

D26
SSW
< 1/8
0.110 mi.
582 ft.

Relative:
Higher

MN DOA TRAVEL MANAGEMENT
296 CHESTER ST
SAINT PAUL, MN 55107

Click here for full text details

MN TIER 2
ERC Number: 9628
Facility Status: ACTIVE

MN WIMN

Database(s): MN TIER 2, MN WIMN
EDR ID Number: S108073937
EPA ID Number: N/A

MN DOA TRAVEL MANAGEMENT (Continued) **S108073937**

Status: N

D27
SSW
< 1/8
0.110 mi.
582 ft.

Relative:
Higher

MN DOA TRAVEL MANAGEMENT **MN AST** **A100270046**
296 CHESTER ST **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN AST
Tank Status: Active

C28
SW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

ISD 625 TRANSPORTATION GARAGE **MN LUST** **S107728931**
261 CHESTER ST **MN VIC** **N/A**
SAINT PAUL, MN 55107 **MN BROWNFIELDS**
MN SPILLS
MN ENF
MN Financial Assurance
MN TIER 2
MN WIMN
MN NPDES

Click here for full text details

MN LUST
Site Id: LS0011333
Site Id: LS0019015
Closed Date: 11/3/1998
Closed Date: 1/23/2013

MN VIC
Facility Id: VP5923

MN ENF
Facility Id: TS0012115

MN Financial Assurance
PROGRAM ID: 64485850
PROGRAM ID: 60839390
PROGRAM ID: 71655340
PROGRAM ID: 71673391
PROGRAM ID: 200977

MN TIER 2
ERC Number: 620700339
ERC Number: 13604
Facility Status: ACTIVE

MN WIMN
Status: Y

C29
SW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

ISD 625 TRANSPORTATION GARAGE
261 CHESTER ST
SAINT PAUL, MN 55107

MN UST **U003961500**
N/A

Click here for full text details

C30
SW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

ISD 625 TRANSPORTATION GARAGE
261 CHESTER ST
SAINT PAUL, MN 55107

MN MANIFEST **S119129120**
N/A

Click here for full text details

C31
SW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

FEDERAL EXPRESS CORP - ST PAUL
261 CHESTER ST
ST. PAUL, MN 55107

RCRA-CESQG **1004733058**
MND985738780

Click here for full text details

RCRA-CESQG
EPA Id: MND985738780

C32
SW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

FED EX
261 CHESTER ST
SAINT PAUL, MN 55107

MN SRS **S122370963**
N/A

Click here for full text details

MN SRS
Facility Id: PB4708

C33
SW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

FEDEX ST. PAUL FACILITY
261 CHESTER ST
SAINT PAUL, MN 55107

MN SRS **S122370927**
N/A

Click here for full text details

MN SRS
Facility Id: LS0019015

C34
SW
< 1/8
0.113 mi.
597 ft.

Relative:
Higher

FEDERAL EXPRESS — **MN SRS** — **S122370907**
261 CHESTER ST — **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN SRS
Facility Id: LS0011333

35
West
< 1/8
0.118 mi.
625 ft.

Relative:
Higher

BELL COLD STORAGE — **MN LUST** — **S101428693**
250 CHESTER ST — **MN SRS** — **N/A**
SAINT PAUL, MN 55107 — **MN Financial Assurance**
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0008219
Closed Date: 5/18/1995

MN SRS
Facility Id: LS0008219

MN Financial Assurance
PROGRAM ID: 220799

MN WIMN
Status: Y

E36
WNW
< 1/8
0.123 mi.
649 ft.

Relative:
Higher

ATLAS COLD STORAGE USA INC — **MN SPILLS** — **S107727293**
240 CHESTER ST — **MN Financial Assurance** — **N/A**
SAINT PAUL, MN 55107 — **MN TIER 2**
MN WIMN

Click here for full text details

MN Financial Assurance
PROGRAM ID: 180701
PROGRAM ID: 414375

MN TIER 2
ERC Number: 9294
ERC Number: 620700007
Facility Status: ACTIVE

MN WIMN
Status: N
Status: Y

E37
WNW
< 1/8
0.123 mi.
649 ft.

Relative:
Higher

VERSACOLD USA INC
240 CHESTER ST
ST. PAUL, MN 55107

Database(s): **RCRA-CESQG**
EDR ID Number: **1004726263**
EPA ID Number: **MN0000065128**

Click here for full text details

RCRA-CESQG
EPA Id: MN0000065128

E38
WNW
1/8-1/4
0.127 mi.
671 ft.

Relative:
Higher

BELL COLD STORAGE
236-260 CHESTER ST
SAINT PAUL, MN 55107

Database(s): **MN BROWNFIELDS**, **MN WIMN**
EDR ID Number: **S119124008**
EPA ID Number: **N/A**

Click here for full text details

MN WIMN
Status: Y

E39
WNW
1/8-1/4
0.127 mi.
671 ft.

Relative:
Higher

BELL COLD STORAGE PT. 2
236-260 CHESTER ST
SAINT PAUL, MN 55107

Database(s): **MN VIC**, **MN SRS**, **MN LS**, **MN VAPOR**
EDR ID Number: **S102277079**
EPA ID Number: **N/A**

Click here for full text details

MN VIC
Facility Id: VP5400
Facility Id: VP5401

MN SRS
Facility Id: VP5400
Facility Id: VP5401

MN LS
Link ID: 4316
MPCA Id: VP5401

E40
WNW
1/8-1/4
0.127 mi.
671 ft.

Relative:
Higher

BELL COLD STORAGE PT. 2
236-260 CHESTER ST
SAINT PAUL, MN 55107

Database(s): **MN BROWNFIELDS**
EDR ID Number: **S119124007**
EPA ID Number: **N/A**

Click here for full text details

D41
SSW
1/8-1/4
0.133 mi.
700 ft.

Relative:
Higher

SEALED AIR CORP
310 CHESTER ST
SAINT PAUL, MN 55107

MN MANIFEST **S119128071**
N/A

Click here for full text details

D42
SSW
1/8-1/4
0.133 mi.
700 ft.

Relative:
Higher

SEALED AIR CORP
310 CHESTER ST
ST. PAUL, MN 55107

RCRA NonGen / NLR **1000397922**
FINDS **MND087673935**
ECHO
MN WIMN

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND087673935

FINDS
Registry ID:: 110003779661

ECHO
Registry ID: 110003779661

MN WIMN
Status: N

E43
WNW
1/8-1/4
0.136 mi.
718 ft.

Relative:
Higher

FEDERAL EXPRESS CORP
216 CHESTER ST
SAINT PAUL, MN 55107

MN MANIFEST **S119128759**
N/A

Click here for full text details

E44
WNW
1/8-1/4
0.136 mi.
718 ft.

Relative:
Higher

FEDERAL EXPRESS CORP
216 CHESTER ST
ST. PAUL, MN 55107

RCRA NonGen / NLR **1000213396**
MN WIMN **MND985666890**

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND985666890

MN WIMN
Status: N

D45
SSW
1/8-1/4
0.143 mi.
753 ft.

Relative:
Higher

MINUTEMAN PRESS - CHESTER ST
322 CHESTER ST
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

MN WIMN **S110218165**
MN NPDES **N/A**

D46
SSW
1/8-1/4
0.143 mi.
753 ft.

Relative:
Higher

MINUTEMAN PRESS - CHESTER ST
322 CHESTER ST
ST. PAUL, MN 55107

Click here for full text details

RCRA-CESQG
EPA Id: MNR000034140

RCRA-CESQG **1004737229**
MNR000034140

D47
SSW
1/8-1/4
0.143 mi.
753 ft.

Relative:
Higher

MINUTEMAN PRESS - CHESTER ST
322 CHESTER ST
SAINT PAUL, MN 55107

Click here for full text details

MN MANIFEST **S119129745**
N/A

D48
SSW
1/8-1/4
0.143 mi.
757 ft.

Relative:
Higher

NEW TECH INDUSTRIAL PRODUCTS INC
324 CHESTER ST
ST. PAUL, MN 55107

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND985770809

FINDS
Registry ID:: 110003885920

ECHO
Registry ID: 110003885920

MN WIMN
Status: N

RCRA NonGen / NLR **1000868233**
FINDS **MND985770809**
ECHO
MN WIMN

49
NE
1/8-1/4
0.151 mi.
797 ft.

Relative:
Higher

BLDG REMOVAL SP6244-99A
ADDRESS UNKNOWN
SAINT PAUL, MN 55107

MN WIMN **S120055157**
N/A

Click here for full text details

MN WIMN
Status: N

F50
SSW
1/8-1/4
0.154 mi.
811 ft.

Relative:
Higher

AIR METHODS CORP
336 CHESTER ST
SAINT PAUL, MN 55107

MN MANIFEST **S119128487**
N/A

Click here for full text details

F51
SSW
1/8-1/4
0.154 mi.
811 ft.

Relative:
Higher

CRITCIAL CARE SVCS DBA LIF
336 CHESTER ST B
ST PAUL, MN 55107

RCRA NonGen / NLR **1000849259**
FINDS **MND985770452**
ECHO

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND985770452

FINDS
Registry ID:: 110003885699

ECHO
Registry ID: 110003885699

F52
SSW
1/8-1/4
0.154 mi.
811 ft.

Relative:
Higher

RIVERVIEW BUSINESS PLAZA
336 CHESTER ST/UNIT C
ST PAUL, MN 55107

RCRA NonGen / NLR **1001196835**
FINDS **MNR000032664**
ECHO

Click here for full text details

RCRA NonGen / NLR
EPA Id: MNR000032664

FINDS
Registry ID:: 110008839463

ECHO
Registry ID: 110008839463

F53
SSW
1/8-1/4
0.154 mi.
811 ft.

Relative:
Higher

AIR METHODS CORP
336 CHESTER ST
ST. PAUL, MN 55107

RCRA NonGen / NLR **1000124036**
FINDS **MND981790124**
ECHO
MN WIMN

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND981790124

FINDS
Registry ID:: 110003807514

ECHO
Registry ID: 110003807514

MN WIMN
Status: N

F54
SSW
1/8-1/4
0.156 mi.
824 ft.

Relative:
Higher

DUCTS AND CLEATS
334 CHESTER ST
SAINT PAUL, MN 55107

MN WIMN **S120061115**
N/A

Click here for full text details

MN WIMN
Status: Y

G55
North
1/8-1/4
0.157 mi.
831 ft.

Relative:
Higher

RIVERVIEW INDUSTRIAL N-1
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC **S103909186**
MN SRS **N/A**
MN VAPOR

Click here for full text details

MN VIC
Facility Id: VP9840
Facility Id: VP7540

MN SRS
Facility Id: VP9840
Facility Id: VP7540

G56
North
1/8-1/4
0.157 mi.
831 ft.

Relative:
Higher

RIDDER CIRCLE PROPERTIES
SEE LOCATION DESCRIPTION
ST. PAUL, MN 55107

MN LS **S103854876**
N/A

Click here for full text details

MN LS
Link ID: 4909

RIDDER CIRCLE PROPERTIES (Continued) **S103854876**

MPCA Id: VP9841

G57
North
1/8-1/4
0.157 mi.
831 ft.

Relative:
Higher

RIDDER CIRCLE PROPERTIES **MN INST CONTROL** **S119124606**
SEE LOCATION DESCRIPTION **MN BROWNFIELDS** **N/A**
SAINT PAUL, MN 55107 **MN WIMN**

Click here for full text details

MN INST CONTROL
Site ID: 188650

MN WIMN
Status: Y

F58
SSW
1/8-1/4
0.160 mi.
845 ft.

Relative:
Higher

WILBRECHT ELECTRICS **MN MANIFEST** **S119128587**
346 CHESTER ST **N/A**
SAINT PAUL, MN 55107

Click here for full text details

F59
SSW
1/8-1/4
0.160 mi.
845 ft.

Relative:
Higher

WILBRECHT ELECTRICS **MN WIMN** **S110240522**
346 CHESTER ST **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

F60
SSW
1/8-1/4
0.160 mi.
845 ft.

Relative:
Higher

WILBRECHT ELECTRONICS **RCRA NonGen / NLR** **1000164621**
346 CHESTER ST **FINDS** **MND982213548**
ST PAUL, MN 55102 **ECHO**

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND982213548

FINDS
Registry ID:: 110003816924

ECHO
Registry ID: 110003816924

H61
WSW
1/8-1/4
0.169 mi.
890 ft.

Relative:
Higher

STATE STREET DUMP
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN SRS **S119123549**
N/A

Click here for full text details

MN SRS
Facility Id: SA0008440

H62
WSW
1/8-1/4
0.169 mi.
890 ft.

Relative:
Higher

ST. PAUL FC PROJECT #2 (VP2981)
FLOOD FRINGE-NEAR HOLMAN FIELD
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124698**
N/A

Click here for full text details

63
NNW
1/8-1/4
0.170 mi.
899 ft.

Relative:
Higher

SAINT PAUL DOWNTOWN AIRPORT
BAYFIELD ST
SAINT PAUL, MN 55107

MN LUST **S119109094**
MN SRS **N/A**
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0004370
Closed Date: 10/11/1993

MN SRS
Facility Id: LS0004370

MN WIMN
Status: Y

F64
SSW
1/8-1/4
0.180 mi.
948 ft.

Relative:
Higher

SPRC PACKAGING FIRST
341 CHESTER ST
ST PAUL, MN 55107

RCRA NonGen / NLR **1000866989**
MN0000066209

Click here for full text details

RCRA NonGen / NLR
EPA Id: MN0000066209

F65
SSW
1/8-1/4
0.180 mi.
948 ft.

Relative:
Higher

PACKAGING FIRST DIV LIFETRACK RESOURCES
341 CHESTER ST
SAINT PAUL, MN 55107

MN WIMN **S110221282**
N/A

Click here for full text details

MN WIMN
Status: Y

I66
SE
1/8-1/4
0.180 mi.
948 ft.

Relative:
Lower

2014 PAVEMENT REHAB TAXIWAY C
ADDRESS UNKNOWN
SAINT PAUL, MN 55107

MN WIMN **S120055918**
N/A

Click here for full text details

MN WIMN
Status: N

I67
SE
1/8-1/4
0.180 mi.
948 ft.

Relative:
Lower

2012 PAVEMENT REHABILITATION
ADDRESS UNKNOWN
SAINT PAUL, MN 55107

MN WIMN **S120055389**
N/A

Click here for full text details

MN WIMN
Status: N

J68
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS CENTER
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

MN BROWNFIELDS **S122369869**
N/A

Click here for full text details

J69
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PARK #2
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

MN VIC **S122371262**
N/A

Click here for full text details

MN VIC
Facility Id: VP4351

J70
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PARK #2
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

Database(s): **MN SRS**
EDR ID Number: **S122371116**
EPA ID Number: **N/A**

Click here for full text details

MN SRS
Facility Id: VP4351

J71
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PLAZA
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

Database(s): **MN BROWNFIELDS**
EDR ID Number: **S119124615**
EPA ID Number: **N/A**

Click here for full text details

J72
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PARK
268-380 LAFAYETTE FREEWAY
ST. PAUL, MN 55107

Database(s): **MN Financial Assurance, MN LS**
EDR ID Number: **S102412081**
EPA ID Number: **N/A**

Click here for full text details

MN Financial Assurance
PROGRAM ID: 73692873

MN LS
Link ID: 4366
MPCA Id: VP4351

J73
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

JASPER ENGINES & TRANSMISSION EXCHANGE
268 E LAFAYETTE FRONTAGE RD
SAINT PAUL, MN 55107

Database(s): **MN WIMN**
EDR ID Number: **S110205029**
EPA ID Number: **N/A**

Click here for full text details

MN WIMN
Status: Y

J74
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PARK
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

Database(s): **MN VIC, MN SRS**
EDR ID Number: **S103813677**
EPA ID Number: **N/A**

Click here for full text details

MN VIC
Facility Id: VP4350

MN SRS

RIVERVIEW BUSINESS PARK (Continued) **S103813677**

Facility Id: VP4350

J75
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

JASPER ENGINES & TRANSMISSION EXCHANGE **RCRA-CESQG** **1004729460**
268 E LAFAYETTE FRONTAGE RD **MND980896435**
ST. PAUL, MN 55107

Click here for full text details

RCRA-CESQG
EPA Id: MND980896435

J76
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PARK **MN BROWNFIELDS** **S119124614**
268-380 LAFAYETTE FREEWAY **MN WIMN** **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: Y

J77
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PLAZA **MN VIC** **S117898545**
268-380 LAFAYETTE FREEWAY **MN SRS** **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN VIC
Facility Id: VP4352

MN SRS
Facility Id: VP4352

J78
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

JASPER ENGINES & TRANSMISSION EXCHANGE **MN MANIFEST** **S119128308**
268 E LAFAYETTE FRONTAGE RD **N/A**
SAINT PAUL, MN 55107

Click here for full text details

J79
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

MICRO MEDICS INCORPORATED
268 E LAFAYETTE FRONTAGE RD
ST. PAUL, MN 55107

Click here for full text details

NY MANIFEST
EPA ID: MND980896435

NY MANIFEST **S122481977**
N/A

J80
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PLAZA
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

Click here for full text details

MN SRS
Facility Id: PB4793

MN SRS **S119123103**
N/A

J81
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

STATE STREET DUMP
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: Y

MN BROWNFIELDS **S103908989**
MN WIMN **N/A**

J82
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS PARK #2
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

Click here for full text details

MN BROWNFIELDS **S119124613**
N/A

J83
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS CENTER
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

Click here for full text details

MN SRS
Facility Id: BF0000682

MN SRS **S122370836**
N/A

J84
SW
1/8-1/4
0.185 mi.
976 ft.

Relative:
Higher

RIVERVIEW BUSINESS CENTER
268-380 LAFAYETTE FREEWAY
SAINT PAUL, MN 55107

MN VIC **S122371163**
N/A

Click here for full text details

MN VIC
Facility Id: BF0000682

H85
WSW
1/8-1/4
0.188 mi.
992 ft.

Relative:
Higher

EATON STREET PROPERTIES
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124162**
MN WIMN **N/A**

Click here for full text details

MN WIMN
Status: Y

H86
WSW
1/8-1/4
0.188 mi.
992 ft.

Relative:
Higher

CHESTER STREET FEDEX FACILITY
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124080**
N/A

Click here for full text details

H87
WSW
1/8-1/4
0.188 mi.
992 ft.

Relative:
Higher

EATON STREET PROPERTIES
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC **S103813553**
MN SRS **N/A**
MN VAPOR

Click here for full text details

MN VIC
Facility Id: VP5922

MN SRS
Facility Id: VP5922

H88
WSW
1/8-1/4
0.188 mi.
993 ft.

Relative:
Higher

STATE STREET DUMP
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN SRS **S122371131**
N/A

Click here for full text details

MN SRS
Facility Id: VP5920

H89
WSW
1/8-1/4
0.188 mi.
993 ft.

Relative:
Higher

STATE STREET DUMP
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC **S122371274**
N/A

Click here for full text details

MN VIC
Facility Id: VP5920

H90
WSW
1/8-1/4
0.188 mi.
993 ft.

Relative:
Higher

STATE STREET DUMP
SEE LOCATION DESCRIPTION
ST. PAUL, MN 55107

MN LS **S103314253**
N/A

Click here for full text details

MN LS
Link ID: 836
MPCA Id: VP5922

K91
SSW
1/8-1/4
0.202 mi.
1068 ft.

Relative:
Higher

C & G OFFICE PRODUCTS
272 E LAFAYETTE RD
SAINT PAUL, MN 55155

MN MANIFEST **S119129406**
N/A

Click here for full text details

K92
SSW
1/8-1/4
0.202 mi.
1068 ft.

Relative:
Higher

C & G OFFICE PRODUCTS
272 E LAFAYETTE RD
SAINT PAUL, MN 55155

MN SPILLS **S110184326**
MN Financial Assurance **N/A**
MN WIMN

Click here for full text details

MN Financial Assurance
PROGRAM ID: 178075

MN WIMN
Status: N

L93
WNW
1/8-1/4
0.204 mi.
1079 ft.

Relative:
Higher

528 PARTNERSHIP LLP BROWN & BIGELOW BLDG
345 E PLATO BLVD
SAINT PAUL, MN 55107

MN MANIFEST **S119127444**
MN NPDES **N/A**

Click here for full text details

M94
NNE
1/8-1/4
0.206 mi.
1089 ft.

Relative:
Lower

NORTHPORT ADDITION
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124491**
N/A

Click here for full text details

M95
NNE
1/8-1/4
0.206 mi.
1089 ft.

Relative:
Lower

DOBOSZENSKI & SONS INC
9520 COUNTY RD 19
LORETTO, MN 55357

MN ENF **S120199287**
MN WIMN **N/A**
MN NPDES

Click here for full text details

MN ENF
Facility Id: 12300760

MN WIMN
Status: Y

M96
NNE
1/8-1/4
0.206 mi.
1089 ft.

Relative:
Lower

NORTHPORT ADDITION
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC **S103909170**
MN SRS **N/A**
MN VAPOR

Click here for full text details

MN VIC
Facility Id: VP9841

MN SRS
Facility Id: VP9841

L97
WNW
1/8-1/4
0.207 mi.
1092 ft.

Relative:
Higher

GRAINGER
345 E PLATO BLVD STE 120
ST. PAUL, MN 55107

RCRA-CESQG **1001220570**
MNR000052589

Click here for full text details

RCRA-CESQG
EPA Id: MNR000052589

N98
NE
1/8-1/4
0.213 mi.
1126 ft.

Relative:
Higher

EXECUTIVE IFT INC
590 BAYFIELD ST
SAINT PAUL, MN 55107

MN AST **A100203453**
N/A

Click here for full text details

MN AST
Tank Status: Active

N99
NE
1/8-1/4
0.213 mi.
1126 ft.

Relative:
Higher

EXECUTIVE IFT INC
590 BAYFIELD ST
ST. PAUL, MN 55107

RCRA NonGen / NLR
FINDS
ECHO
MN Financial Assurance

1000182338
MND063575443

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND063575443

FINDS
Registry ID:: 110003770884

ECHO
Registry ID: 110003770884

MN Financial Assurance
PROGRAM ID: 192921
PROGRAM ID: 218237
PROGRAM ID: 210455
PROGRAM ID: 199455
PROGRAM ID: 199456
PROGRAM ID: 199463

N100
NE
1/8-1/4
0.213 mi.
1126 ft.

Relative:
Higher

EXECUTIVE IFT INC
590 BAYFIELD ST
SAINT PAUL, MN 55107

MN LAST
MN LUST
MN UST
MN SRS
MN WIMN

U004019892
N/A

Click here for full text details

MN LAST
Site Id: LS0005572
Closed Date: 12/30/1994

MN LUST
Site Id: LS0005572
Closed Date: 12/30/1994

MN SRS
Facility Id: LS0005572

MN WIMN
Status: Y

L101
West
1/8-1/4
0.220 mi.
1161 ft.

Relative:
Higher

529 LIMITED PARTNERSHIP LLP BROWN & BIGELOW BLDG
345 PLATO BLVD E
SAINT PAUL, MN 55107

MN ENF
MN WIMN
MN NPDES

S116688435
N/A

Click here for full text details

MN ENF
Facility Id: MNG255045

MN WIMN
Status: Y

L102
West
1/8-1/4
0.220 mi.
1161 ft.

Relative:
Higher

BROWN AND BIGELOW
345 PLATO BLVD
ST PAUL, MN 55107

Click here for full text details

RCRA-CESQG
MN LUST
MN VIC
MN BROWNFIELDS
MN SRS
MN Financial Assurance
WI MANIFEST
MN LS
MN VAPOR
MN WIMN

1000437239
MND000826214

RCRA-CESQG
EPA Id: MND000826214

MN LUST
Site Id: LS0010760
Site Id: LS0003631
Closed Date: 5/17/2001
Closed Date: 8/1/1996

MN VIC
Facility Id: VP6820
Facility Id: VP6821
Facility Id: VP6822

MN SRS
Facility Id: VP6820
Facility Id: VP6821
Facility Id: VP6822
Facility Id: LS0010760
Facility Id: LS0003631

MN Financial Assurance
PROGRAM ID: 225588
PROGRAM ID: 223189
PROGRAM ID: 193007

WI MANIFEST
ACT Status: A

BROWN AND BIGELOW (Continued) **1000437239**

FID: 999509390
EPA ID: MND000826214

MN LS
Link ID: 4321
MPCA Id: VP6822

MN WIMN
Status: Y

L103 **528 PARTNERSHIP LLP BROWN & BIGELOW BLDG** **MN UST** **U004272786**
West **345 PLATO BLVD E** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.220 mi.
1161 ft.

Click here for full text details

Relative: Higher

O104 **DIGIT IMAGING CENTERS INC - ST PAUL** **RCRA NonGen / NLR** **1000375103**
SSW **284 LAFAYETTE FRONTAGE RD** **MND006194492**
1/8-1/4 **ST. PAUL, MN 55107**
0.237 mi.
1250 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR
EPA Id: MND006194492

O105 **VALSPAR CONTRACTOR STORE** **MN WIMN** **S111752260**
SSW **284 E LAFAYETTE RD** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.237 mi.
1250 ft.

Click here for full text details

Relative: Higher

MN WIMN
Status: Y

P106 **VOMELA SPECIALTIES RAW MATERIALS** **MN MANIFEST** **S119130034**
NW **444 FILLMORE AVE E** **N/A**
1/8-1/4 **SAINT PAUL, MN 55107**
0.245 mi.
1292 ft.

Click here for full text details

Relative: Higher

P107
NW
1/8-1/4
0.245 mi.
1292 ft.

Relative:
Higher

VOMELA SPECIALTIES RAW MATERIALS — **RCRA-CESQG** **1008881590**
444 FILLMORE AVE E — **MN WIMN** **MNS000104380**
ST. PAUL, MN 55107

Click here for full text details

RCRA-CESQG
EPA Id: MNS000104380

MN WIMN
Status: Y

O108
SSW
1/4-1/2
0.255 mi.
1346 ft.

Relative:
Higher

SURGICAL TECHNOLOGIES, INC. — **MN WIMN** **S120062313**
292 E LAFAYETTE FRONTAGE RD — **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

Q109
WSW
1/4-1/2
0.258 mi.
1361 ft.

Relative:
Higher

ADVANCE CORPADVANCE STAMP — **MN WIMN** **S110178674**
287 S LAFAYETTE RD — **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

R110
South
1/4-1/2
0.260 mi.
1374 ft.

Relative:
Higher

ST PAUL FLIGHT CENTER — **MN ENF** **S110188100**
270 AIRPORT RD — **MN WIMN** **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN ENF
Facility Id: MNU000701

MN WIMN
Status: N
Status: Y

R111
South
1/4-1/2
0.260 mi.
1374 ft.

Relative:
Higher

AIR METHODS CORP
270 AIRPORT DR STE 109
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

MN WIMN **S110178801**
N/A

P112
NW
1/4-1/2
0.261 mi.
1376 ft.

Relative:
Higher

MNDOT LAFAYETTE BRIDGE
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55101

Click here for full text details

MN VIC
Facility Id: VP25830

MN SRS
Facility Id: VP25830

MN VIC **S110144944**
MN SRS **N/A**

P113
NW
1/4-1/2
0.261 mi.
1376 ft.

Relative:
Higher

MNDOT LAFAYETTE BRIDGE
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55101

Click here for full text details

MN WIMN
Status: Y

MN BROWNFIELDS **S119124454**
MN WIMN **N/A**

Q114
WSW
1/4-1/2
0.261 mi.
1380 ft.

Relative:
Higher

GRAINGER INDUSTRIAL SUPPLY - ST PAUL
277 LAFAYETTE FRONTAGE RD W
ST. PAUL, MN 55107

Click here for full text details

RCRA NonGen / NLR
EPA Id: MNS000100974

MN WIMN
Status: N

RCRA NonGen / NLR **1008881260**
MN WIMN **MNS000100974**

115
SW
1/4-1/2
0.264 mi.
1393 ft.

Relative:
Higher

LAFAYETTE CENTER
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC
MN BROWNFIELDS
MN SRS
MN WIMN

S117898539
N/A

Click here for full text details

MN VIC
Facility Id: VP32650

MN SRS
Facility Id: VP32650

MN WIMN
Status: Y

Q116
WSW
1/4-1/2
0.267 mi.
1412 ft.

Relative:
Higher

COLLINS COMMUNICATION (FORMERLY)
273 W LAFAYETTE FRONTAGE ROAD
SAINT PAUL, MN 55107

MN VIC
MN BROWNFIELDS
MN SRS
MN LS
MN VAPOR
MN WIMN

S105804221
N/A

Click here for full text details

MN VIC
Facility Id: VP10160

MN SRS
Facility Id: VP10160

MN LS
Link ID: 4949
MPCA Id: VP10160

MN WIMN
Status: Y

R117
South
1/4-1/2
0.271 mi.
1432 ft.

Relative:
Higher

ST. PAUL FLIGHT CENTER
278 AIRPORT DR
SAINT PAUL, MN 55107

MN Financial Assurance
MN WIMN

S107976995
N/A

Click here for full text details

MN Financial Assurance
PROGRAM ID: 210143

MN WIMN
Status: Y

S118
WSW
1/4-1/2
0.271 mi.
1433 ft.

Relative:
Higher

VACANT BUILDING
265 LAFAYETTE FRONTAGE RD W
SAINT PAUL, MN 55107

MN VIC
MN BROWNFIELDS
MN SRS
MN LS
MN WIMN

S104732134
N/A

Click here for full text details

MN VIC
Facility Id: VP9260
Facility Id: VP9261

MN SRS
Facility Id: VP9260
Facility Id: VP9261

MN LS
Link ID: 4822
MPCA Id: VP9261

MN WIMN
Status: Y

S119
WSW
1/4-1/2
0.271 mi.
1433 ft.

Relative:
Higher

METRO DEAF SCHOOL
265 W LAFAYETTE RD S
ST. PAUL, MN 55107

RCRA-CESQG
MN WIMN

1007103695
MNR000104018

Click here for full text details

RCRA-CESQG
EPA Id: MNR000104018

MN WIMN
Status: N

R120
South
1/4-1/2
0.274 mi.
1446 ft.

Relative:
Higher

ST PAUL FLIGHT CENTER
280 AIRPORT DR
SAINT PAUL, MN 55107

MN WIMN

S110233332
N/A

Click here for full text details

MN WIMN
Status: N

R121
South
1/4-1/2
0.274 mi.
1446 ft.

Relative:
Higher

SAINT PAUL FLIGHT CENTER INC — **MN WIMN** — **S120054614**
280 AIRPORT INC — **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

T122
NNE
1/4-1/2
0.280 mi.
1479 ft.

Relative:
Lower

REMACKEL SALVAGE SITE — **MN SRS** — **S120059880**
SEE LOCATION DESCRIPTION — **MN WIMN** — **N/A**
SAINT PAUL, MN 55102

Click here for full text details

MN SRS
Facility Id: MND981952112

MN WIMN
Status: Y

T123
NNE
1/4-1/2
0.280 mi.
1479 ft.

Relative:
Lower

REMACKEL SALVAGE SITE — **MN LS** — **S102412077**
SEE LOCATION DESCRIPTION — **N/A**
ST. PAUL, MN 55102

Click here for full text details

MN LS
Link ID: 382
MPCA Id: MND981952112

U124
SW
1/4-1/2
0.281 mi.
1485 ft.

Relative:
Higher

LAFAYETTE CENTER — **MN VIC** — **S121509672**
285 E FLORIDA ST — **MN BROWNFIELDS** — **N/A**
SAINT PAUL, MN 55107 — **MN SRS**
MN VAPOR
MN WIMN

Click here for full text details

MN VIC
Facility Id: BF0000604

MN SRS
Facility Id: BF0000604

MN WIMN
Status: Y

U125
SW
1/4-1/2
0.281 mi.
1485 ft.

Relative:
Higher

MINNESOTA LIFE
285 FLORIDA ST
SAINT PAUL, MN 55107

MN SPILLS **S108073822**
MN Financial Assurance **N/A**
MN TIER 2
MN WIMN

Click here for full text details

MN Financial Assurance
PROGRAM ID: 433255
PROGRAM ID: 210053

MN TIER 2
ERC Number: 9601
Facility Status: ACTIVE

MN WIMN
Status: Y

R126
South
1/4-1/2
0.287 mi.
1517 ft.

Relative:
Higher

REGENT EQUIPMENT MAINTENANCE
290 AIRPORT DR
ST. PAUL, MN 55107

RCRA-CESQG **1004726857**
MN WIMN **MN0000374603**

Click here for full text details

RCRA-CESQG
EPA Id: MN0000374603

MN WIMN
Status: N

V127
North
1/4-1/2
0.291 mi.
1534 ft.

Relative:
Lower

RIVERVIEW INDUSTRIAL N-1
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124617**
MN WIMN **N/A**

Click here for full text details

MN WIMN
Status: Y

V128
North
1/4-1/2
0.293 mi.
1548 ft.

Relative:
Lower

PORT AUTHORITY ASH SITE
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN SRS **S119123513**
MN VAPOR **N/A**
MN WIMN

Click here for full text details

MN SRS
Facility Id: SA0008349

MN WIMN
Status: Y

V129
North
1/4-1/2
0.293 mi.
1549 ft.

Relative:
Lower

PORT AUTHORITY ASH SITE
SEE LOCATION DESCRIPTION
ST. PAUL, MN 55107

MN LS **S100713182**
N/A

Click here for full text details

MN LS
Link ID: 834

V130
North
1/4-1/2
0.296 mi.
1564 ft.

Relative:
Lower

RIVERVIEW INDUSTRIAL N-1
SEE LOCATION DESCRIPTION
ST. PAUL, MN 55107

MN LS **S102659073**
N/A

Click here for full text details

MN LS
Link ID: 4402
MPCA Id: VP7540

U131
SW
1/4-1/2
0.297 mi.
1566 ft.

Relative:
Higher

RIVERVIEW IND'L. PARK #11 (PARCEL E-3)
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55101

MN INST CONTROL **S120060001**
MN WIMN **N/A**

Click here for full text details

MN INST CONTROL
Site ID: 200693

MN WIMN
Status: Y

U132
SW
1/4-1/2
0.297 mi.
1566 ft.

Relative:
Higher

RIVERVIEW IND'L. PARK #11 (PARCEL E-3)
SEE LOCATION DESCRIPTION
ST. PAUL, MN 55101

MN LS **S108975327**
N/A

Click here for full text details

MN LS
Link ID: 5230
MPCA Id: VP12630

U133
SW
1/4-1/2
0.297 mi.
1566 ft.

Relative:
Higher

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55101

MN VIC **S119123802**
MN SRS **N/A**

Click here for full text details

MN VIC
Facility Id: VP12630

MN SRS

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-3 (Continued) **S119123802**

Facility Id: VP12630

U134
SW
1/4-1/2
0.297 mi.
1566 ft.

Relative: Higher

RIVERVIEW INDUSTRIAL PARK - LOTS C4 & C5
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS
MN WIMN

S120059727
N/A

Click here for full text details

MN WIMN
Status: Y

135
NNE
1/4-1/2
0.299 mi.
1578 ft.

Relative: Lower

FORMER PIONEER PRESS PRINTING FACILITY
1 RIDDER CIR
SAINT PAUL, MN 55107

MN LUST
MN LAST
MN VIC
MN BROWNFIELDS
MN SRS
MN ENF
MN WIMN
MN NPDES

S113401326
N/A

Click here for full text details

MN LUST
Site Id: LS0019707
Closed Date: 12/11/2015

MN LAST
Site Id: LS0019707
Closed Date: 12/11/2015

MN VIC
Facility Id: VP32220
Facility Id: VP32221

MN SRS
Facility Id: VP32220
Facility Id: VP32221
Facility Id: LS0019707
Facility Id: PB4847

MN ENF
Facility Id: MN0054577
Facility Id: 12300409

MN WIMN
Status: Y

W136
SSW
1/4-1/2
0.312 mi.
1648 ft.

Relative:
Higher

RIVERVIEW INDUSTRIAL PARK #11
SEE LOCATION DESCRIPTION
ST. PAUL, MN 55107

MN LS **S104889051**
N/A

Click here for full text details

MN LS
Link ID: 5389
MPCA Id: VP13770

X137
West
1/4-1/2
0.312 mi.
1649 ft.

Relative:
Higher

245 LAFAYETTE OFFICE BLDG
245 LAFAYETTE FRONTAGE RD
SAINT PAUL, MN 55107

MN VIC **S107469537**
MN BROWNFIELDS **N/A**
MN SRS
MN LS
MN WIMN

Click here for full text details

MN VIC
Facility Id: VP21510
Facility Id: BF0000597

MN SRS
Facility Id: VP21510

MN LS
Link ID: 6495
MPCA Id: VP21510

MN WIMN
Status: Y

X138
West
1/4-1/2
0.312 mi.
1649 ft.

Relative:
Higher

NATIONAL OIL BARCOM PROPERTY
245 LAFAYETTE FRONTAGE RD
SAINT PAUL, MN 55107

MN SRS **S121509731**
N/A

Click here for full text details

MN SRS
Facility Id: BF0000597

U139
SW
1/4-1/2
0.313 mi.
1652 ft.

Relative:
Higher

SCANLAN INTERNATIONAL
ONE SCANLAN PLAZA
SAINT PAUL, MN 55107

MN VIC **S105696334**
MN SRS **N/A**
MN LS

Click here for full text details

MN VIC
Facility Id: VP16980

MN SRS

SCANLAN INTERNATIONAL (Continued) **S105696334**

Facility Id: VP16980

MN LS
Link ID: 5785
MPCA Id: VP16980

U140
SW
1/4-1/2
0.313 mi.
1652 ft.

Relative:
Higher

SCANLAN INTERNATIONAL
ONE SCANLAN PLAZA
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124643**
MN WIMN **N/A**

Click here for full text details

MN WIMN
Status: N

Y141
South
1/4-1/2
0.317 mi.
1673 ft.

Relative:
Higher

DALLAS AIRMOTIVE INC
330 BRAVO LN
SAINT PAUL, MN 55107

MN LUST **S107466821**
MN SRS **N/A**
MN Financial Assurance
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0016239
Closed Date: 3/3/2006

MN SRS
Facility Id: LS0016239

MN Financial Assurance
PROGRAM ID: 331327
PROGRAM ID: 204984

MN WIMN
Status: Y

W142
SSW
1/4-1/2
0.319 mi.
1684 ft.

Relative:
Lower

RIVERVIEW INDUSTRIAL PARK #11
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN WIMN **S120059700**
N/A

Click here for full text details

MN WIMN
Status: Y

W143
SSW
1/4-1/2
0.319 mi.
1684 ft.

Relative:
Lower

RIVERVIEW INDUSTRIAL PARK #11, PARCEL E-2
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC **S104843669**
MN SRS **N/A**

Click here for full text details

MN VIC
Facility Id: VP13770

MN SRS
Facility Id: VP13770

Z144
NW
1/4-1/2
0.333 mi.
1756 ft.

Relative:
Higher

3M ST. PAUL - OH & ESD - BLDG. 76
410 E FILLMORE AVE
ST. PAUL, MN 55107

MN AIRS **S107726970**
MN TIER 2 **N/A**
MN WIMN
MN NPDES

Click here for full text details

MN AIRS
Facility Id: 12300491

MN TIER 2
ERC Number: 620700042
ERC Number: 9329
Facility Status: ACTIVE

MN WIMN
Status: Y

145
West
1/4-1/2
0.338 mi.
1785 ft.

Relative:
Higher

FORMER GAS STATION
175 W LAFAYETTE RD
SAINT PAUL, MN 55107

MN LUST **S106551359**
MN SRS **N/A**
MN Financial Assurance
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0012409
Closed Date: 11/2/1999

MN SRS
Facility Id: LS0012409

MN Financial Assurance
PROGRAM ID: 224796

MN WIMN
Status: Y

AA146
WSW
1/4-1/2
0.340 mi.
1796 ft.

Relative:
Higher

COLLINS ELECTRICAL & CONSTRUCTION
278 STATE ST
SAINT PAUL, MN 55107

MN MANIFEST **S119127789**
MN WIMN **N/A**

Click here for full text details

MN WIMN
Status: Y

147
ENE
1/4-1/2
0.347 mi.
1832 ft.

Relative:
Higher

M A C/HOLMAN FIELD
645 BAYFIELD ST
SAINT PAUL, MN 55107

MN LUST **U000270782**
MN UST **N/A**
MN SRS
MN SPILLS
MN Financial Assurance
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0000935
Site Id: LS0004458
Closed Date: 10/17/1994
Closed Date: 11/23/1992

MN SRS
Facility Id: LS0004458
Facility Id: LS0000935

MN Financial Assurance
PROGRAM ID: 427018
PROGRAM ID: 217168
PROGRAM ID: 199458
PROGRAM ID: 213850
PROGRAM ID: 169119

MN WIMN
Status: Y

148
South
1/4-1/2
0.353 mi.
1863 ft.

Relative:
Higher

RIVERVIEW INDUSTRIAL PARK, C4 & C5 #2
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC **S104240458**
MN SRS **N/A**
MN VAPOR

Click here for full text details

MN VIC
Facility Id: VP12320
Facility Id: VP12321

MN SRS
Facility Id: VP12320
Facility Id: VP12321

Y149
South
1/4-1/2
0.355 mi.
1875 ft.

Relative:
Higher

XCEL ENERGY - AVIATION SERVICES - SAINT PAUL
410 BRAVO LN HOLMAN FIELD
SAINT PAUL, MN 55107

MN MANIFEST **S119128691**
MN WIMN **N/A**

Click here for full text details

MN WIMN
Status: Y

Y150
South
1/4-1/2
0.355 mi.
1875 ft.

Relative:
Higher

REGENT AVIATION
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN VIC **S104906293**
MN SRS **N/A**

Click here for full text details

MN VIC
Facility Id: VP14100

MN SRS
Facility Id: VP14100

Y151
South
1/4-1/2
0.355 mi.
1875 ft.

Relative:
Higher

MINNESOTA JET INC
410 BRAVO LN
SAINT PAUL, MN 55107

MN LUST **S106551389**
MN SRS **N/A**
MN Financial Assurance
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0012499
Closed Date: 4/29/1999

MN SRS
Facility Id: LS0012499

MN Financial Assurance
PROGRAM ID: 224886

MN WIMN
Status: Y

AB152
SW
1/4-1/2
0.356 mi.
1879 ft.

Relative:
Higher

VIKING DRILL & TOOL INC
355 STATE ST
SAINT PAUL, MN 55107

MN VIC **S108496368**
MN BROWNFIELDS **N/A**
MN SRS
MN SPILLS
MN AIRS
MN ENF
MN Financial Assurance
MN VAPOR
MN WIMN
MN NPDES

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VIKING DRILL & TOOL INC (Continued) **S108496368**

MN VIC
Facility Id: VP26600
Facility Id: BF0000554

MN SRS
Facility Id: BF0000554
Facility Id: VP26600

MN AIRS
Facility Id: 12300707

MN ENF
Facility Id: 12300707

MN Financial Assurance
PROGRAM ID: 294596
PROGRAM ID: 211408
PROGRAM ID: 230324

MN WIMN
Status: Y

AB153
SW
1/4-1/2
0.356 mi.
1879 ft.

Relative: Higher

VIKING DRILL AND TOOL **MN VIC** **S110668555**
SEE LOCATION DESCRIPTION **MN SRS** **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN VIC
Facility Id: VP5921

MN SRS
Facility Id: VP5921

AA154
WSW
1/4-1/2
0.361 mi.
1905 ft.

Relative: Lower

295 STATE STREET **MN INST CONTROL** **S113904655**
295 STATE ST **MN VIC** **N/A**
SAINT PAUL, MN 55107 **MN BROWNFIELDS**
MN SRS
MN WIMN

Click here for full text details

MN INST CONTROL
Site ID: 186607

MN VIC
Facility Id: VP30400

295 STATE STREET (Continued) **S113904655**

MN SRS
Facility Id: VP30400

MN WIMN
Status: Y

AC155 **240 PLATO** **MN VIC** **S106114349**
West **240 PLATO BLVD EAST** **MN BROWNFIELDS** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN SRS**
0.365 mi. **MN LS**
1926 ft. **MN VAPOR**
MN WIMN
Relative: Higher

Click here for full text details

MN VIC
Facility Id: VP18330
Facility Id: BF0000515

MN SRS
Facility Id: VP18330
Facility Id: BF0000515

MN LS
Link ID: 6058
MPCA Id: VP18330

MN WIMN
Status: Y

Z156 **AMERICRAFT CARTON INC** **MN AIRS** **S107733729**
NW **403 FILLMORE AVE E** **MN ENF** **N/A**
1/4-1/2 **SAINT PAUL, MN 55107** **MN Financial Assurance**
0.366 mi. **MN WIMN**
1931 ft. **MN NPDES**
Relative: Higher

Click here for full text details

MN AIRS
Facility Id: 12300605

MN ENF
Facility Id: 12300605

MN Financial Assurance
PROGRAM ID: 201195

MN WIMN
Status: Y

AB157
SW
1/4-1/2
0.370 mi.
1951 ft.

Relative:
Higher

VIKING DRILL AND TOOL
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS

S119124788
N/A

Click here for full text details

158
NW
1/4-1/2
0.370 mi.
1954 ft.

Relative:
Higher

AERO SYSTEMS ENGINEERING INC
358 FILLMORE AVE E
SAINT PAUL, MN 55107

MN ENF
MN MANIFEST
MN WIMN
MN NPDES

S119127798
N/A

Click here for full text details

MN ENF
Facility Id: MND041776824

MN WIMN
Status: Y

AD159
SW
1/4-1/2
0.372 mi.
1962 ft.

Relative:
Lower

RIVERVIEW IND. PARK E-2 (VIKING)
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS
MN WIMN

S119124616
N/A

Click here for full text details

MN WIMN
Status: Y

AD160
SW
1/4-1/2
0.372 mi.
1962 ft.

Relative:
Lower

RIVERVIEW IND. PARK E-2 (VIKING)
SEE LOCATION DESCRIPTION
ST. PAUL, MN 55107

MN LS

S106635038
N/A

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MN LS
Link ID: 5499
MPCA Id: VP14520

161
SSW
1/4-1/2
0.373 mi.
1970 ft.

Relative:
Lower

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P
NE OF EATON ST AND WEST LAFAYETTE FRONTAGE ROAD
ST. PAUL, MN 55107

US BROWNFIELDS
FINDS

1016348760
N/A

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US BROWNFIELDS
ACRES property ID: 15857

FINDS

HMONG AMERICAN FUNERAL HOME/RIVERVIEW INDUSTRIAL P (Continued) **1016348760**

Registry ID:: 110038748914

AE162
NNW
1/4-1/2
0.375 mi.
1980 ft.

Relative:
Higher

DAKOTA BARGE
91 RIDDER CIR
SAINT PAUL, MN 55107

MN SRS **S120197868**
MN WIMN **N/A**

Click here for full text details

MN SRS
Facility Id: LS0003798

MN WIMN
Status: Y

AE163
NNW
1/4-1/2
0.375 mi.
1980 ft.

Relative:
Higher

SEMPLE RECYCLING & CRUSHING LLC
91 RIDDER CIR
SAINT PAUL, MN 55107

MN LUST **S109511725**
MN AIRS **N/A**
MN Financial Assurance
MN WIMN
MN NPDES

Click here for full text details

MN LUST
Site Id: LS0003798
Closed Date: 10/22/1990

MN AIRS
Facility Id: 12300760

MN Financial Assurance
PROGRAM ID: 216539

MN WIMN
Status: Y

164
WSW
1/4-1/2
0.382 mi.
2016 ft.

Relative:
Higher

THOELE PRINTING INC
253 STATE ST STE A
ST. PAUL, MN 55107

RCRA NonGen / NLR **1004734928**
MN WIMN **MND985770783**

Click here for full text details

RCRA NonGen / NLR
EPA Id: MND985770783

MN WIMN
Status: N

AD165
SSW
1/4-1/2
0.384 mi.
2025 ft.

Relative:
Higher

MINI STORAGE
246 EATON ST
SAINT PAUL, MN 55107

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MN VIC
Facility Id: VP4890
Facility Id: VP4891

MN SRS
Facility Id: VP4890
Facility Id: VP4891

MN Financial Assurance
PROGRAM ID: 175281

MN LS
Link ID: 4041
MPCA Id: VP4891

MN WIMN
Status: Y

MN VIC
MN BROWNFIELDS
MN SRS
MN SPILLS
MN Financial Assurance
MN LS
MN WIMN

S103909149
N/A

AD166
SW
1/4-1/2
0.388 mi.
2047 ft.

Relative:
Higher

RIVERVIEW IND. PARK E-2 (VIKING)
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

Click here for full text details

MN VIC
Facility Id: VP14520

MN SRS
Facility Id: VP14520

MN VIC
MN SRS

S105004369
N/A

AF167
SSE
1/4-1/2
0.390 mi.
2060 ft.

Relative:
Higher

GREENTREE HANGAR
HOLMAN FIELD NEAR EATON ST
SAINT PAUL, MN 55107

Click here for full text details

MN VIC
Facility Id: VP7020

MN SRS
Facility Id: VP7020

MN VIC
MN SRS

S103909099
N/A

AF168
SSE
1/4-1/2
0.390 mi.
2060 ft.

Relative:
Higher

GREEN TREE HANGAR
HOLMAN FIELD NEAR EATON ST
ST. PAUL, MN 55107

MN LS **S102280302**
N/A

Click here for full text details

MN LS
Link ID: 4216
MPCA Id: VP7021

AF169
SSE
1/4-1/2
0.390 mi.
2060 ft.

Relative:
Higher

GREENTREE HANGAR
HOLMAN FIELD NEAR EATON ST
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124246**
N/A

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AF170
SSE
1/4-1/2
0.390 mi.
2060 ft.

Relative:
Higher

GREEN TREE HANGAR
HOLMAN FIELD NEAR EATON ST
SAINT PAUL, MN 55107

MN WIMN **S120059870**
N/A

Click here for full text details

MN WIMN
Status: Y

AC171
West
1/4-1/2
0.401 mi.
2118 ft.

Relative:
Higher

STATE STREET DUMP
SATE & CHESTER STREETS
ST. PAUL, MN 55107

SEMS-ARCHIVE **1003872965**
MN VIC **MND985678994**
MN SRS
MN LS

Click here for full text details

SEMS-ARCHIVE
Site ID: 0506268
EPA Id: MND985678994

MN VIC
Facility Id: VP15270

MN SRS
Facility Id: VP15270

MN LS
Link ID: 5599
MPCA Id: VP15270

AC172
West
1/4-1/2
0.401 mi.
2118 ft.

Relative:
Higher

STATE STREET VACANT LAND | **MN INST CONTROL** | **S119124705**
STATE ST | **MN BROWNFIELDS** | **N/A**
SAINT PAUL, MN 55107 | **MN WIMN**

Click here for full text details

MN INST CONTROL
Site ID: 189175

MN WIMN
Status: Y

AG173
South
1/4-1/2
0.406 mi.
2142 ft.

Relative:
Higher

BALLISTIC RECOVERY SYSTEMS | **MN WIMN** | **S110426718**
380 AIRPORT RD | **MN NPDES** | **N/A**
SAINT PAUL, MN 55102

Click here for full text details

MN WIMN
Status: N

174
SE
1/4-1/2
0.411 mi.
2172 ft.

Relative:
Lower

2011 PAVEMENT REHAB | **MN WIMN** | **S120054739**
ADDRESS UNKNOWN | **N/A**
SAINT PAUL, MN 55107

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MN WIMN
Status: N

175
West
1/4-1/2
0.413 mi.
2181 ft.

Relative:
Higher

RTC INC | **RCRA NonGen / NLR** | **1004732459**
180 STATE ST | **MN WIMN** | **MND985718030**
ST. PAUL, MN 55107

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RCRA NonGen / NLR
EPA Id: MND985718030

MN WIMN
Status: N

176
WNW
1/4-1/2
0.416 mi.
2194 ft.

Relative:
Higher

LIT MIDWAY LLT
141 S LAFAYETTE RD
SAINT PAUL, MN 55107

MN WIMN **S108496324**
N/A

Click here for full text details

MN WIMN
Status: Y
Status: N

AG177
South
1/4-1/2
0.417 mi.
2204 ft.

Relative:
Lower

335 ALPHA LANE
335 ALPHA LN
ST. PAUL, MN 55107

MN Financial Assurance **S105892392**
MN LS **N/A**

Click here for full text details

MN Financial Assurance
PROGRAM ID: 265434

MN LS
Link ID: 6284
MPCA Id: VP19810

AG178
South
1/4-1/2
0.417 mi.
2204 ft.

Relative:
Lower

HOLMAN FIELD
335 ALPHA LN
SAINT PAUL, MN 55107

MN LUST **S113484291**
MN INST CONTROL **N/A**
MN VIC
MN BROWNFIELDS
MN SRS
MN TIER 2
MN WIMN
MN NPDES

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MN LUST
Site Id: LS0015237
Closed Date: 12/30/2003

MN INST CONTROL
Site ID: 185643

MN VIC
Facility Id: VP19810

MN SRS
Facility Id: VP19810
Facility Id: LS0015237

MN TIER 2
ERC Number: 15802
Facility Status: ACTIVE

MN WIMN

HOLMAN FIELD (Continued) **S113484291**

Status: Y
Status: N

AG179
South
1/4-1/2
0.418 mi.
2206 ft.

Relative:
Higher

GREENTREE HANGAR #2
HOLMAN FIELD NEAR EATON ST
SAINT PAUL, MN 55107

MN VIC **S105775647**
MN SRS **N/A**

Click here for full text details

MN VIC
Facility Id: VP7021

MN SRS
Facility Id: VP7021

AG180
South
1/4-1/2
0.418 mi.
2206 ft.

Relative:
Higher

CCI PILOT SERVICES II LLC - ALPHA LANE
350 ALPHA LN
ST. PAUL, MN 55107

RCRA-CESQG **1004737856**
FINDS **MNR000056697**
ECHO
MN WIMN

Click here for full text details

RCRA-CESQG
EPA Id: MNR000056697

FINDS
Registry ID:: 110003917165

ECHO
Registry ID: 110003917165

MN WIMN
Status: N

AG181
South
1/4-1/2
0.419 mi.
2212 ft.

Relative:
Higher

GREENTREE HANGAR #2
HOLMAN FIELD NEAR EATON ST
SAINT PAUL, MN 55107

MN BROWNFIELDS **S119124245**
N/A

Click here for full text details

AH182
SW
1/4-1/2
0.429 mi.
2265 ft.

Relative:
Lower

MOLEX COPPER FLEX PRODUCTS INC
155 EATON ST
ST. PAUL, MN 55107

Click here for full text details

MN LS
Link ID: 6505
MPCA Id: VP21120

MN LS **S107734012**
N/A

AH183
SW
1/4-1/2
0.429 mi.
2265 ft.

Relative:
Lower

MOLEX INC. COPPER FLEX PRODUCTS
155 EATON ST
ST. PAUL, MN 55107

Click here for full text details

MN INST CONTROL
Site ID: 2099

MN VIC
Facility Id: VP21120
Facility Id: VP21121
Facility Id: VP21122

MN SRS
Facility Id: VP21120
Facility Id: VP21121
Facility Id: VP21122

MN ENF
Facility Id: 12300617

MN TIER 2
ERC Number: 9298
Facility Status: ACTIVE

MN WIMN
Status: Y

MN INST CONTROL **S108073409**
MN VIC **N/A**
MN BROWNFIELDS
MN SRS
MN ENF
MN TIER 2
MN WIMN

AI184
SSE
1/4-1/2
0.429 mi.
2265 ft.

Relative:
Lower

ST. PAUL AIRPORT HOLMAN FIELD
520 EATON ST
SAINT PAUL, MN 55107

Click here for full text details

MN LUST
Site Id: LS0015194

MN LUST **S105833043**
MN LAST **N/A**
MN SRS
MN Financial Assurance
MN TIER 2
MN WIMN

ST. PAUL AIRPORT HOLMAN FIELD (Continued) **S105833043**

Closed Date: 4/1/2005

MN LAST
Site Id: LS0015194
Closed Date: 4/1/2005

MN SRS
Facility Id: LS0015194

MN Financial Assurance
PROGRAM ID: 263996
PROGRAM ID: 199457

MN TIER 2
ERC Number: 13966
Facility Status: ACTIVE

MN WIMN
Status: Y

AJ185
SW
1/4-1/2
0.430 mi.
2270 ft.

Relative: Higher

CNW TRANS **MN SPILLS** **S105062878**
206 EATON ST **MN Financial Assurance** **N/A**
SAINT PAUL, MN 55107 **MN WIMN**

Click here for full text details

MN Financial Assurance
PROGRAM ID: 261013
PROGRAM ID: 230028
PROGRAM ID: 311074

MN WIMN
Status: Y

AK186
West
1/4-1/2
0.436 mi.
2301 ft.

Relative: Higher

MNDOT AERONAUTICS BUILDING **MN WIMN** **S111751892**
222 E PLATO BLVD **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: Y

AI187
South
1/4-1/2
0.437 mi.
2306 ft.

Relative:
Lower

UNITED HEALTHCARE HANGAR
513 EATON ST
SAINT PAUL, MN 55107

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MN VIC
Facility Id: VP6940

MN SRS
Facility Id: VP6940

MN LS
Link ID: 4179
MPCA Id: VP6940

MN WIMN
Status: Y
Status: N

MN VIC
MN BROWNFIELDS
MN SRS
MN LS
MN WIMN
MN NPDES

S103207957
N/A

AI188
South
1/4-1/2
0.437 mi.
2306 ft.

Relative:
Lower

MINNESOTA STATE PATROL - DISTRICT 2000 FLIGHT SECT
515 EATON ST
SAINT PAUL, MN 55107

Click here for full text details

MN ENF
Facility Id: TS0018651

MN WIMN
Status: Y

MN ENF
MN MANIFEST
MN WIMN
MN NPDES

S119129094
N/A

AJ189
SW
1/4-1/2
0.441 mi.
2330 ft.

Relative:
Higher

FILLMORE REDEVELOPMENT SITE
FILLMORE, FAIRFIELD & LIVINGSTON AV
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: Y

MN BROWNFIELDS
MN WIMN

S120059758
N/A

AH190
WSW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Lower

UNIVERSITY OF MINNESOTA SHOWBOAT
HARRIET ISLAND RD
SAINT PAUL, MN 55107

Database(s): MN SWF/LF, MN UNPERM LF, MN ENF, MN WIMN

EDR ID Number: S120057699
EPA ID Number: N/A

Click here for full text details

MN WIMN
Status: Y

AH191
WSW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Lower

STATE AND CONCORD TOWNHOMES
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

Database(s): MN WIMN

EDR ID Number: S120064513
EPA ID Number: N/A

Click here for full text details

MN WIMN
Status: N

AH192
WSW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Lower

30 PLATO BOULEVARD E
30 E PLATO
SAINT PAUL, MN 55107

Database(s): MN BROWNFIELDS

EDR ID Number: S119123911
EPA ID Number: N/A

Click here for full text details

AH193
WSW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Lower

ASSOCIATED MICROFILM
156 BREMER BLDG
SAINT PAUL, MN 55107

Database(s): MN WIMN

EDR ID Number: S120062369
EPA ID Number: N/A

Click here for full text details

MN WIMN
Status: N

AH194
WSW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Lower

STATE STREET DUMP, FORMER
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

Database(s): MN SRS

EDR ID Number: S119123248
EPA ID Number: N/A

Click here for full text details

MN SRS
Facility Id: SA0004192

AH195
WSW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Lower

FILLMORE REDEVELOPMENT SITE
FILLMORE, FAIRFIELD & LIVINGSTON AV
SAINT PAUL, MN 55107

MN VIC **S119123819**
MN SRS **N/A**

Click here for full text details

MN VIC
Facility Id: VP33230

MN SRS
Facility Id: VP33230

AH196
WSW
1/4-1/2
0.442 mi.
2334 ft.

Relative:
Lower

FILLMORE REDEVELOPMENT SITE
FILLMORE, FAIRFIELD & LIVINGSTON AV
SAINT PAUL, MN 55107

MN SRS **S119123109**
N/A

Click here for full text details

MN SRS
Facility Id: PB4887

AK197
West
1/4-1/2
0.443 mi.
2337 ft.

Relative:
Higher

TURSSO COMPANIES INC
223 E PLATO BLVD
SAINT PAUL, MN 55107

MN SPILLS **S107735514**
MN AIRS **N/A**
MN ENF
MN Financial Assurance
MN WIMN
MN NPDES

Click here for full text details

MN AIRS
Facility Id: 12300606

MN ENF
Facility Id: 12300606

MN Financial Assurance
PROGRAM ID: 173163

MN WIMN
Status: Y

198
NW
1/4-1/2
0.443 mi.
2341 ft.

Relative:
Higher

PEOPLE SERVING PEOPLE INC
353 E FILLMORE AVE
ST. PAUL, MN 55107

RCRA-CESQG **1004740164**
MN WIMN **MNR000107524**

Click here for full text details

RCRA-CESQG
EPA Id: MNR000107524

MN WIMN

PEOPLE SERVING PEOPLE INC (Continued) **1004740164**

Status: N

AL199
WNW
1/4-1/2
0.444 mi.
2343 ft.

Relative:
Higher

ASSET RECOVERY CORP - ST PAUL
150 STATE ST
SAINT PAUL, MN 55107

MN LUST **S109686774**
MN SRS **N/A**
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0002921
Closed Date: 10/12/1994

MN SRS
Facility Id: LS0002921

MN WIMN
Status: Y

AI200
SSE
1/4-1/2
0.444 mi.
2344 ft.

Relative:
Lower

AIR NET SYSTEMS
527 EATON ST
ST. PAUL, MN 55107

RCRA-CESQG **1004726505**
MN WIMN **MN0000190645**

Click here for full text details

RCRA-CESQG
EPA Id: MN0000190645

MN WIMN
Status: N

AM201
WSW
1/4-1/2
0.451 mi.
2379 ft.

Relative:
Lower

USPS VEHICLE MAINTENANCE
314 EVA ST
SAINT PAUL, MN 55107

MN LUST **S122445622**
MN SRS **N/A**

Click here for full text details

MN LUST
Site Id: LS0020733

MN SRS
Facility Id: LS0020733

AM202
WSW
1/4-1/2
0.451 mi.
2379 ft.

Relative:
Lower

US POSTAL SERVICE VEHICLE MAINTENANCE FACILITY
314 EVA ST
ST. PAUL, MN 55107

MN ENF
MN TIER 2
MN WIMN
MN NPDES

S108074063
N/A

Click here for full text details

MN ENF
Facility Id: TS0003552

MN TIER 2
ERC Number: 9640
Facility Status: ACTIVE

MN WIMN
Status: Y

AH203
SW
1/4-1/2
0.452 mi.
2386 ft.

Relative:
Higher

NOVA MEDICAL INC
150 EATON ST
SAINT PAUL, MN 55107

MN WIMN

S110220369
N/A

Click here for full text details

MN WIMN
Status: Y

AN204
SSE
1/4-1/2
0.453 mi.
2390 ft.

Relative:
Lower

SIGNATURE FLIGHT SUPPORT BBA
529 EATON ST
SAINT PAUL, MN 55107

MN MANIFEST
MN WIMN

S119127299
N/A

Click here for full text details

MN WIMN
Status: Y

AO205
SSE
1/4-1/2
0.455 mi.
2404 ft.

Relative:
Higher

REGENT AVIATION
SEE LOCATION DESCRIPTION
SAINT PAUL, MN 55107

MN BROWNFIELDS
MN WIMN

S119124597
N/A

Click here for full text details

MN WIMN
Status: Y

AO206
SSE
1/4-1/2
0.455 mi.
2404 ft.

Relative:
Higher

REGENT AVIATION — **MN LS** — **S104992103**
SEE LOCATION DESCRIPTION — **N/A**
ST. PAUL, MN 55107

Click here for full text details

MN LS
Link ID: 5443
MPCA Id: VP14100

AL207
West
1/4-1/2
0.456 mi.
2406 ft.

Relative:
Higher

AMERICAN DRIVE AXLE — **MN WIMN** — **S110179781**
145 STATE ST — **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

AM208
WSW
1/4-1/2
0.458 mi.
2419 ft.

Relative:
Lower

UNITED POSTAL SERVICES-VMF — **MN VIC** — **S103207700**
314 S EVA ST — **MN BROWNFIELDS** — **N/A**
SAINT PAUL, MN 55107 — **MN SRS**
MN LS
MN WIMN

Click here for full text details

MN VIC
Facility Id: VP3610

MN SRS
Facility Id: VP3610

MN LS
Link ID: 3422
MPCA Id: VP3610

MN WIMN
Status: Y

AP209
NW
1/4-1/2
0.459 mi.
2425 ft.

Relative:
Higher

MNDOT PARCEL 5 DEMO — **MN WIMN** — **S110437012**
339 FILLMORE ST — **N/A**
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

AP210
NW
1/4-1/2
0.463 mi.
2442 ft.

Relative:
Higher

RTC INC - ST PAUL
343 FILLMORE AVE E
SAINT PAUL, MN 55107

Database(s): MN SPILLS, MN Financial Assurance, MN WIMN

EDR ID Number: 1000866971
EPA ID Number: N/A

Click here for full text details

MN Financial Assurance
PROGRAM ID: 54673975

MN WIMN
Status: N

AM211
WSW
1/4-1/2
0.471 mi.
2486 ft.

Relative:
Lower

U.S. POSTAL SERVICE
285 S EVA ST
SAINT PAUL, MN 55107

Database(s): MN LUST, MN SRS, MN Financial Assurance, MN WIMN

EDR ID Number: S106548213
EPA ID Number: N/A

Click here for full text details

MN LUST
Site Id: LS0004482
Closed Date: 10/13/1992

MN SRS
Facility Id: LS0004482

MN Financial Assurance
PROGRAM ID: 217190

MN WIMN
Status: Y

AQ212
East
1/4-1/2
0.471 mi.
2489 ft.

Relative:
Lower

ST. PAUL AIRPORT HOLMAN FIELD
644 BAYFIELD ST
SAINT PAUL, MN 55107

Database(s): MN SRS

EDR ID Number: S122370934
EPA ID Number: N/A

Click here for full text details

MN SRS
Facility Id: LS0020402

AQ213
East
1/4-1/2
0.471 mi.
2489 ft.

Relative:
Lower

ST. PAUL DOWNTOWN AIRPORT
644 BAYFIELD ST
SAINT PAUL, MN 55107

Database(s): MN SRS

EDR ID Number: S122371000
EPA ID Number: N/A

Click here for full text details

MN SRS
Facility Id: SA0002096

AQ214
East
1/4-1/2
0.471 mi.
2489 ft.

Relative:
Lower

ST. PAUL DOWNTOWN AIRPORT
644 BAYFIELD ST
SAINT PAUL, MN 55107

MN SRS | **S122370915**
N/A

Click here for full text details

MN SRS
Facility Id: LS0014053

AQ215
East
1/4-1/2
0.471 mi.
2489 ft.

Relative:
Lower

RC AVIONICS
644 BAYFIELD ST
SAINT PAUL, MN 55107

MN SRS | **S122370916**
N/A

Click here for full text details

MN SRS
Facility Id: LS0014054

AM216
WSW
1/4-1/2
0.472 mi.
2493 ft.

Relative:
Lower

FORMER BULK FACILITY/CODY LLP PROPERTY
291 EVA ST
SAINT PAUL, MN 55107

MN LUST | **S110237104**
MN SRS | **N/A**
MN Financial Assurance
MN VAPOR
MN WIMN

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MN LUST
Site Id: LS0018399
Closed Date: 6/8/2011

MN SRS
Facility Id: LS0018399

MN Financial Assurance
PROGRAM ID: 60088282

MN WIMN
Status: N
Status: Y

AL217
WNW
1/4-1/2
0.473 mi.
2496 ft.

Relative:
Higher

MODERNISTIC INDUSTRIAL
139 STATE ST
ST. PAUL, MN 55107

RCRA-CESQG | **1004739112**
MN WIMN | **MNR000078261**

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RCRA-CESQG
EPA Id: MNR000078261

MN WIMN
Status: Y

AR218
WSW
1/4-1/2
0.475 mi.
2510 ft.

Relative:
Higher

WALMAN OPTICAL CO INC/SODERBERG OPTICAL
230 EVA ST
SAINT PAUL, MN 55107

MN WIMN **S110239159**
N/A

Click here for full text details

MN WIMN
Status: Y

AN219
SSE
1/4-1/2
0.477 mi.
2517 ft.

Relative:
Higher

DWIGHT MANAGEMENT
605 EATON ST
ST. PAUL, MN 55107

RCRA-CESQG **1004737889**
FINDS **MNR000057190**
ECHO
MN WIMN

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RCRA-CESQG
EPA Id: MNR000057190

FINDS
Registry ID:: 110003917539

ECHO
Registry ID: 110003917539

MN WIMN
Status: N

AQ220
East
1/4-1/2
0.484 mi.
2555 ft.

Relative:
Lower

WINGS INC (ST PAUL DOWNTOWN AIRPORT)
670 BAYFIELD ST
SAINT PAUL, MN 55107

MN LUST **U000881655**
MN UST **N/A**
MN SRS
MN Financial Assurance
MN VAPOR
MN WIMN

Click here for full text details

MN LUST
Site Id: LS0006985
Closed Date: 11/3/1997

MN SRS
Facility Id: LS0006985

MN Financial Assurance
PROGRAM ID: 219612
PROGRAM ID: 199453

MN WIMN
Status: N

221
SW
1/4-1/2
0.486 mi.
2567 ft.

Relative:
Higher

PHOENIX RESIDENCE INC
135 E COLORADO ST
SAINT PAUL, MN 55107

MN UST **U000886062**
MN SPILLS **N/A**
MN Financial Assurance
MN WIMN

Click here for full text details

MN Financial Assurance
PROGRAM ID: 193298
PROGRAM ID: 226921

MN WIMN
Status: N

AQ222
East
1/4-1/2
0.487 mi.
2572 ft.

Relative:
Lower

US ARMY RESERVE FLIGHT FACILITY
680 BAYFIELD ST
SAINT PAUL, MN 55107

MN WIMN **S110237992**
N/A

Click here for full text details

MN WIMN
Status: Y

AS223
East
1/4-1/2
0.491 mi.
2590 ft.

Relative:
Lower

3M AVIATION
690 BAYFIELD ST
SAINT PAUL, MN 55107

MN LUST **1000160317**
MN UST **N/A**
MN SRS
MN SPILLS
MN Financial Assurance
MN WIMN

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MN LUST
Site Id: LS0004502
Closed Date: 3/30/1992

MN SRS
Facility Id: LS0004502

MN Financial Assurance
PROGRAM ID: 445997
PROGRAM ID: 193451
PROGRAM ID: 54318428
PROGRAM ID: 54353224
PROGRAM ID: 217208

MN WIMN
Status: Y

224
West
1/4-1/2
0.491 mi.
2594 ft.

Relative:
Higher

SAINT PAUL FUNERAL HOME
199 PLATO BLVD E
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: Y

MN WIMN **S120056054**
N/A

AS225
East
1/4-1/2
0.494 mi.
2610 ft.

Relative:
Lower

SANBORN AVIATION INC
700 BAYFIELD
SAINT PAUL, MN 55107

Click here for full text details

MN WIMN
Status: N

MN WIMN **S120054605**
N/A

AS226
East
1/4-1/2
0.494 mi.
2610 ft.

Relative:
Lower

REGENT AVIATION
700 BAYFIELD ST
SAINT PAUL, MN 55107

Click here for full text details

MN LAST
Site Id: LS0001542
Closed Date: 10/17/1994

MN LUST
Site Id: LS0001542
Closed Date: 10/17/1994

MN SRS
Facility Id: LS0001542

MN Financial Assurance
PROGRAM ID: 214420

MN WIMN
Status: Y
Status: N

MN LAST **S100057953**
MN LUST **N/A**
MN SRS
MN Financial Assurance
MN MANIFEST
MN WIMN

AR227
WSW
1/4-1/2
0.496 mi.
2619 ft.

Relative:
Higher

NSP
215 EVA ST
ST. PAUL, MN 55107

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MN LUST
MN BROWNFIELDS
MN SRS
MN SPILLS
MN AIRS
MN ENF
MN Financial Assurance
MN WIMN

S107733805
N/A

MN LUST
Site Id: LS0019522
Site Id: LS0003741
Closed Date: 7/29/2014
Closed Date: 12/18/1992

MN SRS
Facility Id: LS0019522
Facility Id: LS0003741
Facility Id: PB4621

MN AIRS
Facility Id: 12300693

MN ENF
Facility Id: 12300693

MN Financial Assurance
PROGRAM ID: 69261640
PROGRAM ID: 69078500
PROGRAM ID: 186139

MN WIMN
Status: Y

228
NNE
1/4-1/2
0.496 mi.
2621 ft.

Relative:
Lower

WARNER ROAD PROPERTY
600 WARNER RD
SAINT PAUL, MN 55106

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MN UST
MN Financial Assurance
MN WIMN

U003852113
N/A

MN Financial Assurance
PROGRAM ID: 202955
PROGRAM ID: 276113

MN WIMN
Status: N

AP229
NW
1/4-1/2
0.499 mi.
2635 ft.

Relative:
Higher

SOLANGE AUTO SERVICES
291 FILLMORE AVE E
ST. PAUL, MN 55107

RCRA-CESQG
MN UST
MN Financial Assurance
MN WIMN

1004728825
MND071758320

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RCRA-CESQG
EPA Id: MND071758320

MN Financial Assurance
PROGRAM ID: 207726

MN WIMN
Status: N
Status: Y

230
WNW
1/2-1
0.780 mi.
4118 ft.

Relative:
Higher

AMDURA
68 S ROBERT ST
SAINT PAUL, MN 55107

MN SHWS
MN SRS
MN DEL PLP
MN LS
MN WIMN

S101574935
N/A

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MN SHWS
Facility Id: SR94

MN SRS
Facility Id: SR0000094

MN DEL PLP
Facility Id: 201519

MN LS
Link ID: 453
MPCA Id: SR94

MN WIMN
Status: Y

231
North
1/2-1
0.820 mi.
4332 ft.

Relative:
Higher

PINTSON COMPRESSING COMPANY COMPRESSED OIL GAS WOR
257 COMMERCIAL STREET
ST. PAUL, MN 55101

EDR MGP

1010679959
N/A

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232
West
1/2-1
0.884 mi.
4667 ft.

Relative:
Higher

HAAS PROPERTIES
160 S WABASHA ST
SAINT PAUL, MN 55107

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MN SHWS
Facility Id: SR1436

MN VIC
Facility Id: BF0000495

MN SRS
Facility Id: SR0001436
Facility Id: BF0000495

MN WIMN
Status: Y

MN SHWS **S110241352**
MN VIC **N/A**
MN BROWNFIELDS
MN SRS
MN VAPOR
MN WIMN

233
West
1/2-1
0.943 mi.
4980 ft.

Relative:
Higher

43 EAST WATER STREET SITE
43 E WATER ST
SAINT PAUL, MN 55107

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MN SHWS
Facility Id: SR338

MN SRS
Facility Id: SR0000338

MN DEL PLP
Facility Id: 194957

MN LS
Link ID: 6215
MPCA Id: SR338

MN WIMN
Status: Y

MN SHWS **S108975013**
MN SRS **N/A**
MN DEL PLP
MN LS
MN WIMN

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
234 NW 1/2-1 0.993 mi. 5241 ft. Relative: Higher	**ST. PAUL GAS MFG SITE OLIVE ST BTWN 4TH AND 5TH STS ST. PAUL, MN 55101 Click here for full text details**	**EDR MGP**	**1008408187 N/A**

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
MN	AG SPILLS	Department of Agriculture Spills	Department of Agriculture	08/02/2018	08/07/2018	08/28/2018
MN	AGVIC	Agricultural Voluntary Investigation & Cleanup Listing	Department of Agriculture	08/02/2018	08/07/2018	08/28/2018
MN	AIRS	Permit Contact List	Pollution Control Agency	12/31/2016	05/23/2018	07/24/2018
MN	ASBESTOS	Asbestos Notification Listing	Department of Health	07/30/2018	08/02/2018	08/28/2018
MN	AST	Aboveground Storage Tanks	Minnesota Pollution Control Agency	07/26/2018	08/07/2018	08/29/2018
MN	BROWNFIELDS	Petroleum Brownfields Program Sites	Pollution Control Agency	08/24/2018	09/06/2018	10/05/2018
MN	BULK	Bulk Facilities Database	Department of Agriculture	08/06/2018	08/07/2018	08/29/2018
MN	CDL	Clandestine Drug Labs	Department of Health	06/28/2018	07/03/2018	07/24/2018
MN	COAL ASH	Coal Ash Disposal Site Listing	Pollution Control Agency	02/09/2017	02/10/2017	03/07/2017
MN	DRYCLEANERS	Registered Drycleaning Facilities	Pollution Control Agency	06/14/2018	06/14/2018	07/24/2018
MN	ENFORCEMENT	Generators Associated with Enforcement Logs	Minnesota Pollution Control Agency	06/26/2018	06/29/2018	07/24/2018
MN	Financial Assurance 1	Financial Assurance Information Listing	Pollutiona Control Agency	08/01/2016	08/10/2016	11/02/2016
MN	Financial Assurance 2	Financial Assurance Information listing	Pollution Control Agency	04/18/2018	09/07/2018	10/05/2018
MN	Financial Assurance 3	Financial Assurance Information Listing	Pollution Control Agency	08/22/2018	09/07/2018	10/05/2018
MN	INST CONTROL	Site Remediation Section Database	Pollution Control Agency	08/24/2018	09/06/2018	10/05/2018
MN	LAST	Leaking Aboveground Storage Tanks	Pollution Control Agency	07/26/2018	08/07/2018	08/29/2018
MN	LCP	Closed Landfills Priority List	Minnesota Pollution Control Agency	04/01/2018	04/20/2018	06/04/2018
MN	LEAD	Lead Inspection Listing	Department of Health	09/04/2018	09/05/2018	09/18/2018
MN	LIENS	Environmental Liens	Pollution Control Agency	02/16/2016	03/09/2016	04/06/2016
MN	LS	List of Sites	Minnesota Pollution Control Agency	04/22/2009	07/14/2009	07/24/2009
MN	LUST	Leak Sites	Minnesota Pollution Control Agency	07/26/2018	08/07/2018	08/29/2018
MN	MANIFEST	Hazardous Waste Manifest Data	Pollution Control Agency	06/30/2016	02/07/2017	04/05/2017
MN	MDA LIS	Licensing Information System Database Listing	Department of Agriculture	08/02/2018	08/07/2018	08/30/2018
MN	MN DEL PLP	Delisted Permanent List of Priorities	Pollution Control Agency	08/24/2018	09/06/2018	10/05/2018
MN	MN HWS PERMIT	Active TSD Facilities	Minnesota Pollution Control Agency	09/08/2018	09/12/2018	10/05/2018
MN	MN PLP	Permanent List of Priorities	Pollution Control Agency	08/24/2018	09/06/2018	10/05/2018
MN	NPDES	Wastewater Permits Listing	Minnesota Pollution Control Agency	09/10/2018	09/12/2018	10/05/2018
MN	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Minnesota Pollution Control Agency		07/01/2013	01/03/2014
MN	RGA LF	Recovered Government Archive Solid Waste Facilities List	Minnesota Pollution Control Agency		07/01/2013	01/13/2014
MN	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Minnesota Pollution Control Agency		07/01/2013	12/24/2013
MN	SHWS	Superfund Site Information Listing	Minnesota Pollution Control Agency	06/01/2018	06/07/2018	07/24/2018
MN	SPILLS	Spills Database	Minnesota Pollution Control Agency	07/26/2018	08/07/2018	08/30/2018
MN	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	11/20/2001	01/03/2013	03/06/2013
MN	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	11/01/2012	01/03/2013	02/11/2013
MN	SRS	Site Remediation Section Database	Pollution Control Agency	08/24/2018	09/06/2018	10/05/2018
MN	SWF/LF	Permitted Solid Waste Disposal Facilities	Minnesota Pollution Control Agency	08/02/2018	08/07/2018	08/29/2018
MN	SWRCY	Recycling Facilities	Pollution Control Agency	09/22/2018	09/25/2018	10/05/2018
MN	TIER 2	Tier 2 Facility Listing	Department of Public Safety	12/31/2017	05/07/2018	06/06/2018
MN	UNPERM LF	Unpermitted Facilities	Pollution Control Agency	08/02/2018	08/07/2018	08/29/2018
MN	UST	Underground Storage Tank Database	Minnesota Pollution Control Agency	07/26/2018	08/07/2018	08/29/2018
MN	VAPOR	Vapor Intrusion	Pollution Control Agency	09/07/2018	09/11/2018	10/05/2018
MN	VIC	Voluntary Investigation and Cleanup Program	Minnesota Pollution Control Agency	08/24/2018	09/06/2018	10/05/2018
MN	WIMN	What's In My Neighborhood	Pollution Control Agency	07/07/2018	07/11/2018	08/30/2018
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2018	09/11/2018	09/14/2018
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2018	07/17/2018	10/05/2018
US	CORRACTS	Corrective Action Report	EPA	03/01/2018	03/28/2018	06/22/2018
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	Delisted NPL	National Priority List Deletions	EPA	07/17/2018	08/09/2018	09/07/2018
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2018	09/05/2018	09/14/2018
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/18/2018	06/27/2018	09/14/2018
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/07/2016	01/05/2017	04/07/2017
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
US	FINDS	Facility Index System/Facility Registry System	EPA	08/07/2018	09/05/2018	10/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/22/2018	08/22/2018	10/05/2018
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/10/2018	05/18/2018	07/20/2018
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/10/2018	05/18/2018	07/20/2018
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	07/17/2018	08/09/2018	10/05/2018
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	07/17/2018	08/09/2018	10/05/2018
US	LUCIS	Land Use Control Information System	Department of the Navy	05/14/2018	05/18/2018	07/20/2018
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	NPL	National Priority List	EPA	07/17/2018	08/09/2018	09/07/2018
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	07/17/2018	08/09/2018	09/07/2018
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/02/2018	07/05/2018	10/05/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2018	08/22/2018	10/05/2018
US	ROD	Records Of Decision	EPA	07/17/2018	08/09/2018	10/05/2018
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	07/17/2018	08/09/2018	09/07/2018
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/17/2018	08/09/2018	09/07/2018
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/18/2018	06/20/2018	09/14/2018
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2018	06/20/2018	09/14/2018
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	05/31/2018	06/27/2018	10/05/2018
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2018	06/20/2018	09/14/2018
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2018	08/29/2018	10/05/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2017	06/19/2018	09/14/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	08/10/2018	08/10/2018	09/10/2018
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2017	07/13/2018	08/01/2018
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	07/01/2018	08/01/2018	08/31/2018
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2016	07/25/2017	09/25/2017
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2017	02/23/2018	04/09/2018
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2017	06/15/2018	07/09/2018
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
MN	Daycare Centers	Sensitive Receptor: Child Care Centers	Department of Human Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
MN	State Wetlands	Wetlands Inventory	Land Management Information Center			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		PennWell Corporation			
US	Electric Power Transmission Line Data		PennWell Corporation			

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HOLMAN FIELD
206 AIRPORT ROAD
SAINT PAUL, MN 55107

TARGET PROPERTY COORDINATES

Latitude (North):	44.939868 - 44° 56' 23.52''
Longitude (West):	93.069707 - 93° 4' 10.95''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	494500.1
UTM Y (Meters):	4976056.0
Elevation:	700 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5964255 SAINT PAUL EAST, MN
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

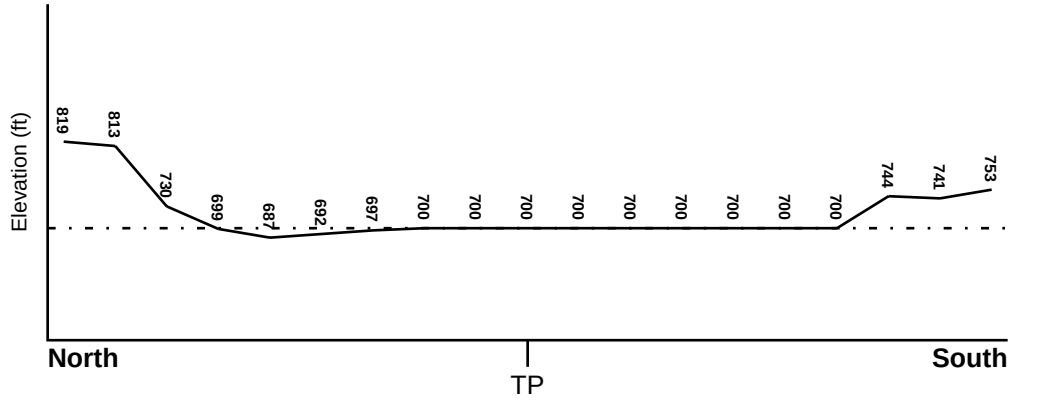
TOPOGRAPHIC INFORMATION

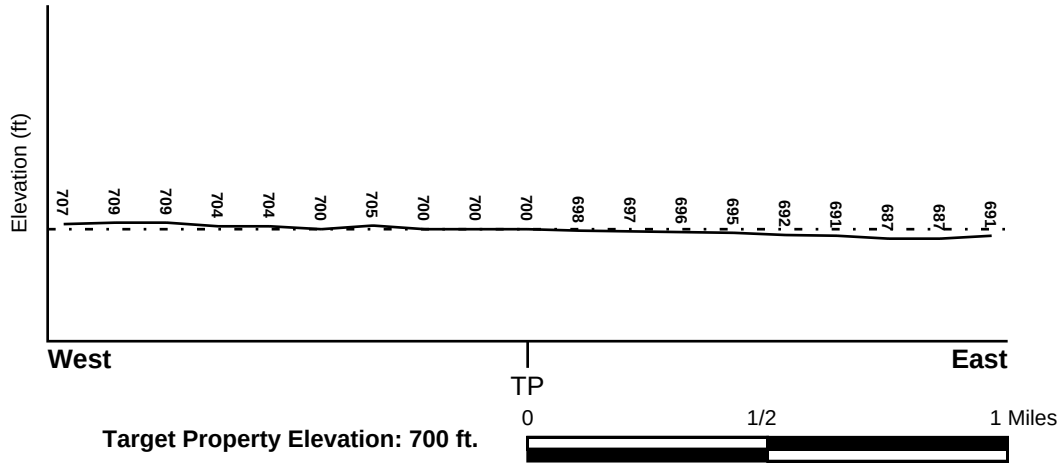
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 700 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
27123C0104G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
27123C0108G	FEMA FIRM Flood data
27037C0041E	FEMA FIRM Flood data
27123C0112G	FEMA FIRM Flood data
27123C0116H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAINT PAUL EAST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles East
Site Name:	Pigs Eye Ldfl
Site EPA ID Number:	MND980609085
Surficial Aquifer Flow Dir.:	S AND SW TOWARD THE MISSISSIPPI RIVER AND PIG'S EYE LAKE.
Measured Depth to Water:	a surface elevation of approximately 690 feet.
Hydraulic Connection:	The unconsolidated deposits above bedrock include fill, peat, and sandy to silty clay lenses. The depth to bedrock is 20 feet on the eastern side of the site and 100 feet on the western side of the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	1/8 - 1/4 Mile North	ESE
A3	1/8 - 1/4 Mile North	SSE
4	1/8 - 1/4 Mile NNE	NE
5	1/8 - 1/4 Mile SW	N
B7	1/4 - 1/2 Mile ENE	Varies
B12	1/4 - 1/2 Mile ENE	Not Reported
B13	1/4 - 1/2 Mile ENE	NE
14	1/4 - 1/2 Mile WNW	NW, NE
15	1/2 - 1 Mile WSW	N
16	1/2 - 1 Mile West	ESE
17	1/2 - 1 Mile SE	Not Reported
E30	1/2 - 1 Mile WSW	Not Reported
31	1/2 - 1 Mile West	N
G32	1/2 - 1 Mile West	Not Reported
33	1/2 - 1 Mile West	Not Reported
H36	1/2 - 1 Mile SW	NE
J39	1/2 - 1 Mile West	Not Reported
42	1/2 - 1 Mile West	Not Reported
43	1/2 - 1 Mile WSW	S
44	1/2 - 1 Mile ENE	WNW
L49	1/2 - 1 Mile WSW	Not Reported
54	1/2 - 1 Mile NNW	Not Reported
O56	1/2 - 1 Mile WSW	NNE
57	1/2 - 1 Mile NW	SE
P59	1/2 - 1 Mile NW	Not Reported
Q61	1/2 - 1 Mile West	Varies
65	1/2 - 1 Mile North	S, SW
1G	1/2 - 1 Mile North	S, SW
2G	1/2 - 1 Mile NNW	Not Reported
3G	1/2 - 1 Mile NW	SE
4G	1/2 - 1 Mile NW	Not Reported
5G	1/2 - 1 Mile ENE	WNW
6G	1/4 - 1/2 Mile ENE	NE
7G	1/4 - 1/2 Mile ENE	Not Reported
8G	1/4 - 1/2 Mile ENE	Varies
9G	1/8 - 1/4 Mile NNE	NE
10G	1/8 - 1/4 Mile North	SSE
11G	1/8 - 1/4 Mile North	ESE
12G	1/4 - 1/2 Mile WNW	NW, NE
13G	1/2 - 1 Mile West	Not Reported
15G	1/2 - 1 Mile West	ESE
16G	1/2 - 1 Mile West	Not Reported
17G	1/2 - 1 Mile West	Varies
18G	1/2 - 1 Mile West	N
19G	1/2 - 1 Mile WSW	N
20G	1/2 - 1 Mile West	Not Reported
21G	1/8 - 1/4 Mile SW	N
22G	1/2 - 1 Mile West	Not Reported
23G	1/2 - 1 Mile WSW	NNE
24G	1/2 - 1 Mile WSW	S
25G	1/2 - 1 Mile WSW	Not Reported
26G	1/2 - 1 Mile SE	Not Reported
27G	1/2 - 1 Mile WSW	Not Reported
28G	1/2 - 1 Mile SW	NE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Ordovician
Series:	Lower Ordovician (Canadian)
Code:	O1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	CHASKA
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.
Soil Drainage Class:	Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	8 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Organic Clay or Organic Silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.60
2	8 inches	38 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.80 Min: 7.40
3	38 inches	60 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam
fine sandy loam
loamy fine sand
loam

Surficial Soil Types: silty clay loam
fine sandy loam
loamy fine sand
loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: silty clay loam
coarse sand
loamy sand
loam
clay loam
sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C10	USGS40000510609	1/4 - 1/2 Mile North
D18	USGS40000510530	1/2 - 1 Mile WNW
E20	USGS40000509996	1/2 - 1 Mile SW
E21	USGS40000509997	1/2 - 1 Mile SW
D25	USGS40000510542	1/2 - 1 Mile WNW
F26	USGS40000510062	1/2 - 1 Mile WSW
G29	USGS40000510202	1/2 - 1 Mile WSW
I37	USGS40000510182	1/2 - 1 Mile ESE
K46	USGS40000509807	1/2 - 1 Mile SW
M51	USGS40000510393	1/2 - 1 Mile West
N53	USGS40000510489	1/2 - 1 Mile ENE
60	USGS40000510722	1/2 - 1 Mile WNW
62	USGS40000510787	1/2 - 1 Mile NE
R64	USGS40000510681	1/2 - 1 Mile WNW
R68	USGS40000510641	1/2 - 1 Mile WNW
71	USGS40000511097	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L48	MN5620207	1/2 - 1 Mile SW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

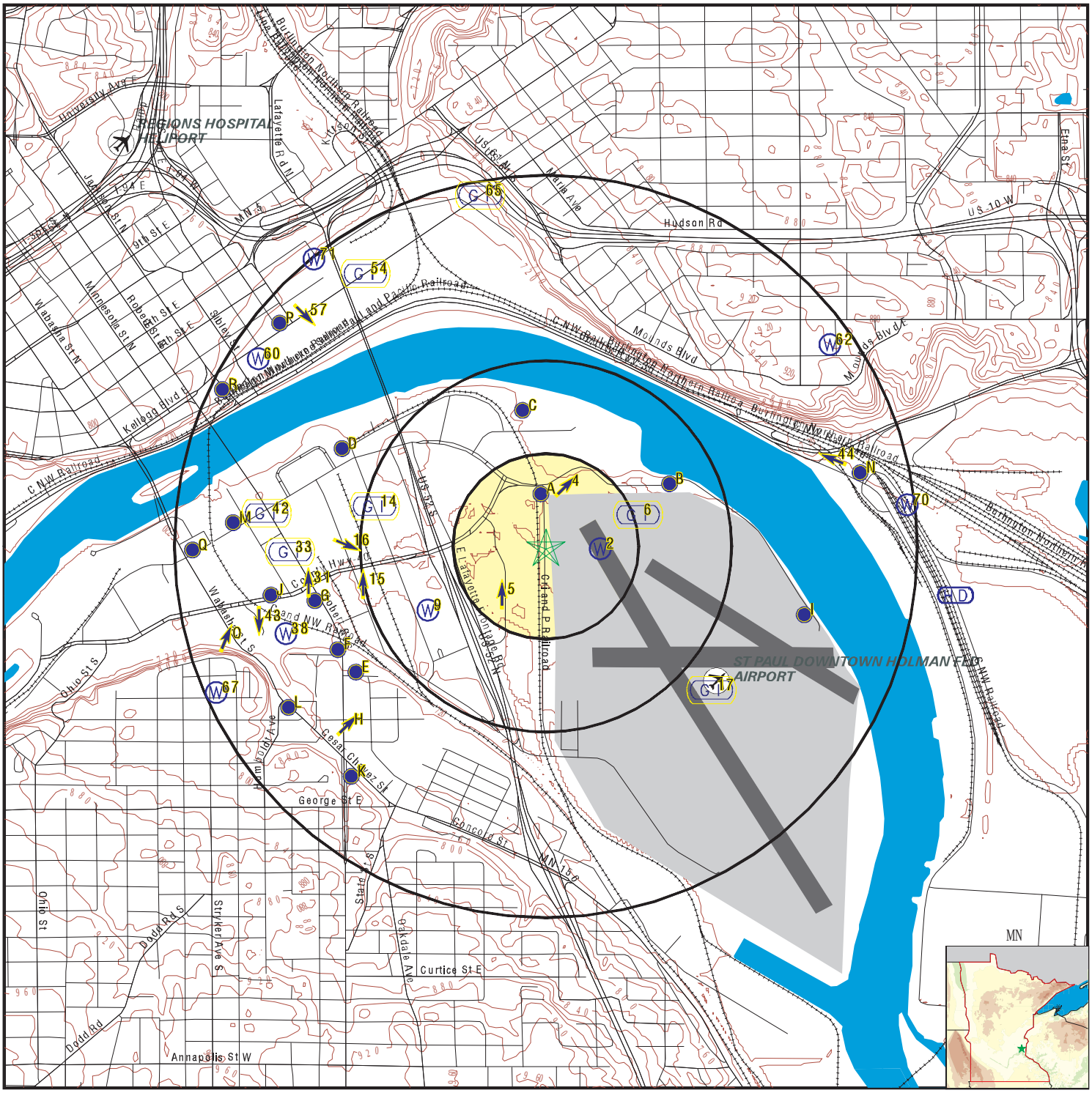
MAP ID	WELL ID	LOCATION FROM TP
2	MN6000000268781	1/8 - 1/4 Mile East
C8	MN6000000070756	1/4 - 1/2 Mile North
9	MN6000000117094	1/4 - 1/2 Mile WSW
C11	MN6000000090084	1/4 - 1/2 Mile North
D19	MN6000000090380	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E22	MN6000000178091	1/2 - 1 Mile SW
E23	MN6000000295280	1/2 - 1 Mile WSW
D24	MN6000000108874	1/2 - 1 Mile WNW
F27	MN6000000115319	1/2 - 1 Mile WSW
G28	MN6000000115318	1/2 - 1 Mile WSW
H34	MN6000000154075	1/2 - 1 Mile SW
I35	MN6000000056968	1/2 - 1 Mile ESE
38	MN6000000050662	1/2 - 1 Mile WSW
J40	MN6000000262813	1/2 - 1 Mile West
J41	MN6000000264208	1/2 - 1 Mile West
K45	MN6000000266848	1/2 - 1 Mile SW
K47	MN6000000040658	1/2 - 1 Mile SW
M50	MN6000000022506	1/2 - 1 Mile West
N52	MN6000000047852	1/2 - 1 Mile ENE
O55	MN6000000052910	1/2 - 1 Mile WSW
O58	MN6000000160795	1/2 - 1 Mile WSW
P63	MN6000000138476	1/2 - 1 Mile NW
Q66	MN6000000060761	1/2 - 1 Mile West
67	MN6000000161570	1/2 - 1 Mile WSW
R69	MN6000000054885	1/2 - 1 Mile WNW
70	MN6000000052490	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 5454377.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data

SITE NAME:	Holman Field	CLIENT:	AECOM
ADDRESS:	206 Airport Road Saint Paul MN 55107	CONTACT:	Brittany Kirchmann
LAT/LONG:	44.939868 / 93.069707	INQUIRY #:	5454377.2s
		DATE:	October 16, 2018 9:08 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **North** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**36523**
2 **East** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**MN WELLS**	**MN6000000268781**
A3 **North** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**23761**
4 **NNE** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**29296**
5 **SW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**30091**
6 **ENE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**25535**
B7 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**29983**
C8 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**MN WELLS**	**MN6000000070756**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
9 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000117094**
C10 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000510609**
C11 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**MN WELLS**	**MN6000000090084**
B12 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**30035**
B13 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**29939**
14 **WNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**30083**
15 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**29825**
16 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**30337**
17 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**36471**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
D18 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510530**
D19 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000090380**
E20 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000509996**
E21 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000509997**
E22 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000178091**
E23 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000295280**
D24 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000108874**
D25 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510542**
F26 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510062**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
F27 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000115319**
G28 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000115318**
G29 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510202**
E30 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**28927**
31 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**28746**
G32 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**25474**
33 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**25115**
H34 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000154075**
I35 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**MN WELLS**	**MN6000000056968**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
H36 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**23938**
I37 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000510182**
38 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000050662**
J39 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**29416**
J40 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000262813**
J41 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000264208**
42 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**29756**
43 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**36579**
44 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**30070**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
K45 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000266848**
K46 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000509807**
K47 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000040658**
L48 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FRDS PWS**	**MN5620207**
L49 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**24181**
M50 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000022506**
M51 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510393**
N52 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000047852**
N53 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510489**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
54 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**30535**
O55 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000052910**
O56 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**19397**
57 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**29898**
O58 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000160795**
P59 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**25329**
60 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510722**
Q61 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**46763**
62 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510787**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
P63 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000138476**
R64 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510681**
65 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**25441**
Q66 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000060761**
67 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000161570**
R68 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000510641**
R69 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000054885**
70 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**MN WELLS**	**MN6000000052490**
71 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000511097**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1G **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**25441**
2G **NNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**30535**
3G **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**29898**
4G **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**25329**
5G **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**30070**
6G **ENE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**29939**
7G **ENE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**30035**
8G **ENE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**29983**
9G **NNE** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**29296**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
10G **North** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**23761**
11G **North** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**36523**
12G **WNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**30083**
13G **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**29756**
14G **ENE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**25535**
15G **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**30337**
16G **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**25115**
17G **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**46763**
18G **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**28746**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
19G **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**29825**
20G **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**25474**
21G **SW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**30091**
22G **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**29416**
23G **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**19397**
24G **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**36579**
25G **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**28927**
26G **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**36471**
27G **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**24181**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
28G SW 1/2 - 1 Mile Lower	**Click here for full text details**	**AQUIFLOW**	**23938**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MN Radon

Radon Test Results

Zipcode	Num Tests	Minimum	Maximum	Average	# > 4 pCi/L	# < 4 pCi/L
55107	339	0.2	16.4	3.6	118	221

Federal EPA Radon Zone for RAMSEY County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 55107

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Land Management Information Center
Telephone: 617-297-3281

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Minnesota Groundwater Database
Source: Minnesota Geological Survey County Water Well Index (CWI)
Telephone: 612-627-4780

OTHER STATE DATABASE INFORMATION

RADON

State Database: MN Radon
Source: Department of Health
Telephone: 651-215-0909
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

Appendix B
Preliminary Assessment Documentation

Appendix B.1
Interview Records

PA Interview Questionnaire - Other

Facility: Holman Field AASF
Interviewer: [redacted]
Date/Time: 9/24/2018; 08:00

Interviewees: [redacted] **Roles: Fire Prevention Program Manager, Aviation Safety Officer, QC supervisor, mechanic** **Phone Number:** [redacted] [redacted] **contact through Joe LaForce**	Can your name/role be used in the PA Report? **Y** or N Can you recommend anyone we can interview? **Y** or N Gary Olson (retired)

Roles or activities with the Facility/Years working at the Facility:

Sergeant Ron Colvard has been with the facility since 2010.

[redacted] has been with the facility since 2012.

[redacted] has been with the facility since 1988.

[redacted] has been with the facility since the early 1990s.

The St. Paul AASF is part of a complex known as Holman Field which includes the St. Paul Downtown Airport, the AASF, the St. Paul Flight Center, and private hangars. The St. Paul AASF Holman Field was constructed in the 1920s and has undergone several additions. The building is owned by MNARNG, but the parking lot is leased. The AASF services rotary winged and fixed wing aircraft. The AASF hangar does not have a fire suppression system. The St. Paul AASF is on city water and no private wells supply the facility. All water runs towards the Mississippi River.

PFAS Use: Identify accidental/intentional release locations, time frame of release, frequency of releases, storage container size (maintenance, fire training, firefighting, buildings with suppression systems (as builts), fueling stations, crash sites, pest management, recreational, dining facilities, metals plating, or waterproofing). How are materials ordered/purchased/disposed/shared with others?

The St. Paul AASF historically had 9 Tri-Max 30 fire extinguishers: 1 training fire extinguisher, 4 3% AFFF fire extinguishers that were kept inside, and 4 6% AFFF fire extinguishers that were kept outside during warmer months and during flights in the winter and brought inside during cold weather. In addition, 5 gallon buckets of AFFF were stored at the facility to be used if the fire extinguishers needed to be refilled. Bulk AFFF was never used to refill the TriMax fire extinguishers. Fire extinguisher training was conducted with dawn dish soap using the training fire extinguisher annually. AFFF was never used during training. In October 2013, the Tri-Max 30 fire extinguishers were replaced with 7 125-lb Purple K fire extinguishers. The Tri-Max 30 fire extinguishers were emptied on the east side of the south hangar ramp prior to returning them to Camp Ripley. The fire extinguishers were wasted out through DRMO or DLA and went from Camp Ripley to Duluth after demilitarization. Bulk AFFF was also returned to Camp Ripley in October 2013. Two storm water drains were noted on the ramp during the VSI.

[redacted] and [redacted] have been at the facility approximately 30 years. Both interviewees recalled a fire truck stored on-site in the early 1990s as a control measure because the AASF does not contain a fire suppression system. There was not a dedicated fire person during this time; however, [redacted] (retired) maintained the fire truck (civilian truck – lime green). The interviewees did recall that the truck was washed inside the hangar on the north end wash rack. The truck

Known Uses
Use
Procurement
Disposition
Storage (Mixed)
Storage (Solution)
Inventory, Off-Spec
Containment
SOP on Filling
Leaking Vehicles
Nozzle and Suppression System Testing
Dining Facilities
Vehicle Washing

PA Interview Questionnaire - Other

Facility: Holman Field AASF
Interviewer: [redacted]
Date/Time: 9/24/2018; 08:00

was returned to Camp Ripley in the early 1990s. [redacted] contacted [redacted] for an interview and will follow-up with AECOM. Fire fighting services for the AASF are provided by the City of St. Paul (615-227-4251). The Metropolitan Airport Commission (MAC) and the City of St. Paul Fire Department train with the MNARNG on how to shut off aircraft and extract the crew from the aircraft. No known training with AFFF has been conducted by the City of St. Paul or the MNARNG at Holman Field. The interviewees also noted that a mid-air crash of two rotary winged aircraft occurred on 13 March 1993 at Camp Ripley approximately 15 miles from the Cantonment Area.	

Name: [redacted]
Contact Information: [redacted]

What are/were your roles or activities at the facility?
Fire Marshall for the AASF

What years have you or did you work at the facility?
1982-2010

What kind of fire truck was stored at the facility?
Lime green

What is the time frame the fire truck was stored at the facility?
1987 to 1989 then returned to Camp Ripley and stored at Camp Ripley and used during training exercises.

What capacity were the tanks?
unknown

How was AFFF transferred to the fire truck?
AFFF was dumped from 5-gallon buckets into the tanks on the trucks

Did AFFF ever spill during transfer to the fire truck? If yes, where, how much, and where did the AFFF go (e.g., sanitary sewer or storm sewer)?
No

Did the fire truck have maintenance issues that caused AFFF to leak from the truck? If yes, where, how much, and where did the AFFF go (e.g., sanitary sewer or storm sewer)?
No

Did the MNARNG ever use the truck to conduct fire training with AFFF? If yes, please provide approximate dates, where the training occurred, and how much AFFF was used per event.
No

Where was nozzle testing conducted?
Nozzles were tested with water only. The proportioning valve was never tested.

Where was the fire truck washed?
Wash rack at the St. Paul AASF

Was AFFF ever used for emergency response on or off the facility? If yes, please provide approximate dates, where the training occurred, and how much AFFF was used per event.
No

May we use your name in the PA Report?
Yes

PA Interview Questionnaire – Fire Station

Facility: Holman Field AASF
Interviewer: [redacted]
Date/Time: 9/24/2018; 10:30

Interviewee: [redacted] **(St. Paul Fire Department)** **Title: Fire Chief** **Phone Number:** [redacted] **Email: N/A**	Can your name/role be used in the PA Report? **Y** or N Can you recommend anyone we can interview? **Y** or N Chief [redacted] St. Paul Fire Training Center (651-644-9133)

1. Roles or activities with the Facility/years working at the Facility.

The St. Paul Fire Department provides emergency response to the Holman Field AASF.

2. What can you tell us about the history of AFFF at the Facility? Was it used for any of the following activities, circle all that apply and indicate years of active use, if known? Identify these locations on a facility map. None known

   Maintenance (e.g., ramp washing)
   Fire Training Areas – all fire training by the St. Paul Fire Department is conducted at the St. Paul Fire Training Center at 1683 Energy Park Drive
   Firefighting (Active Fire)
   Crash
   Fire Suppression Systems (Hangers/Dining Facilities)
   Fire Protection at Fueling Stations
   Non-Technical/Recreational/ Pest Management

3. Are any current buildings constructed with AFFF dispensing systems or fire suppression systems? What are the AFFF/suppression system test requirements? What is the frequency of testing at the AFFF/suppression systems?

   No suppression systems at the AASF and none known at the surrounding hangars.

4. Are fire suppression systems currently charged with AFFF or have they been retrofitted for use of high expansion foam?

N/A

5. How is AFFF procured? Do you have an inventory/procurement system that tracks use?
   AFFF procured for the St. Paul Fire Department by the city.

6. What type of AFFF has been/is being used (3%, 6%, Mil Spec Mil-F-24385, High Expansion)? Manufacturer (3M, Dupont, Ansul, National Foam, Angus, Chemguard, Buckeye, Fire Service Plus)?
   3% FireAde AFFF Liquid Foam Concentrate

7. Is AFFF formulated on base? If so, where is the solution mixed, contained, transferred, etc.?
No

8. Where is the AFFF stored? How is it stored (tanks, 55-gallon drums, 5-gallon buckets)? What size are the storage tanks? Is the AFFF stored as a mixed solution (3% or 6%) or concentrated material?
No AFFF stored at the facility. The City of St. Paul stores AFFF at the city fire station.

9. How is the AFFF transferred to emergency response vehicles, suppression systems, flightline extinguishers? Is/was there a specified area on the facility where vehicles are filled with AFFF and does this area have secondary containment in case of spills? How and where are vehicles storing AFFF cleaned/decontaminated?
None at the facility; all transfer done at the St. Paul Fire Department

10. Provide a list of vehicles that carried AFFF, now and in the past, and where are/were they located?
    N/A

PA Interview Questionnaire – Fire Station

Facility: Holman Field AASF
Interviewer: [redacted]
Date/Time: 9/24/2018; 10:30

11. Any vehicles have a history of leaking AFFF? Do you/did you test the vehicles spray patterns to make sure equipment is working properly? How often are/were these spray tests performed and can you provide the locations of these tests, now and in the past?
    N/A

12. How many FTAs are/were on this facility and where are they? Locate on a map. How many FTAs are active and inactive? For inactive FTAs, when was the last time that fire training using AFFF was conducted at them?

No FTAs at the facility or at the St. Paul Municipal Airport. All fire training conducted by the City of St. Paul is at the St. Paul Fire Training Center (1683 Energy Park Drive).

13. What types of fuels/flammables were used at the FTAs?

N/A

14. What was the frequency of AFFF use at each location? When a release of AFFF occurs during a fire training exercise, now and in the past, how is/was the AFFF cleaned and disposed of? Were retention ponds built to store discharged AFFF? Was the AFFF trickled to the sanitary sewer or left in the pond to infiltrate?

N/A

15. Are there mutual aid/use agreements between county, city, local fire department? Please list, even if informal. If formalized, may we have a copy of the agreement? Can you recall specific times when city, county, state personnel came on-post for training? If so, please state which state/county agency, military entity? Do you have any records, including photographs to share with us?

Yes, the City of St. Paul provides emergency response for the Holman Field AASF

PA Interview Questionnaire – Fire Station

Facility: Holman Field AASF
Interviewer: [redacted]
Date/Time: 9/24/2018; 10:30

16. Did individual units come on-post with their own safety personnel, did they also bring their own AFFF? Was training with AFFF part of these exercises? How were emergencies handled under these circumstances?

N/A

17. Did military routinely or occasionally fire train off-post? List units that you can recall used/trained at various areas.

The ARNG has not trained off-post with the St. Paul Fire Department

18. Are there specific emergency response incident reports (i.e., aircraft or vehicle crash sites and fires)? If so, may we please copy these reports? Who (entity) was the responder?

N/A

19. Do you have records of fuel spill logs? Was it common practice to wash away fuel spills with AFFF? Is/was AFFF used as a precaution in response to fuel releases or emergency runway landings to prevent fires?

N/A

20. Was AFFF used for forest fires or fire management on-post/off-post? If so, please describe what happened and who was involved?

N/A

21. Can you provide any other locations where AFFF has been stored, released, or used (i.e. hangars, buildings, fire stations, firefighting equipment testing and maintenance areas, emergency response sites, storm water/surface water, waste water treatment plants, and AFFF ponds)?

N/A

22. Are you aware of any other creative uses of AFFF? If so, how was AFFF used? What entities were involved?

No

23. How is off-spec AFFF disposed (used for training, turned in, or given to a local Fire Station)? If applicable, do you know the name of the vendor that removes off-spec AFFF? Do you have copies of the manifest or B/L?

N/A

24. Do you recommend anyone else we can interview? If so, do you have contact information for them?

[redacted]

St. Paul Fire Training Center (651-644-9133)

Appendix B.2
Visual Site Inspection Checklists

Visual Site Inspection Checklist

Names(s) of people performing VSI: [redacted]

Recorded by: [redacted]

ARNG Contact: [redacted]

Date and Time: 24 September 2018, 10:00

Method of visit (walking, driving, adjacent): walking

Source/Release Information

Site Name / Area Name / Unique ID: St. Paul AASF Holman Field

Site / Area Acreage: 4.25 acres

Historic Site Use (Brief Description): The AASF facilities include a hangar at the St. Paul Downtown Airport for the operation, maintenance, and repair of MNARNG rotary-winged aircraft, administrative offices, and classrooms.

Current Site Use (Brief Description): Same as historic use

Physical barriers or access restrictions: Access to the facility is controlled

1. Was PFAS used (or spilled) at the site/area? **Y / N**

1a. If yes, document how PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
All TriMax fire extinguishers were emptied once on the South Hangar Ramp in October 2013.

2. Has usage been documented? **Y / N**

2a. If yes, keep a record (place electronic files on a disk):
Usage was provided verbally

3. What types of businesses are located near the site? **Industrial / Commercial / Plating / Waterproofing / Residential**

3a. Indicate what businesses are located near the site
The St. Paul Downtown Airport and St. Paul Flight Center are adjacent to the AASF.

4. Is this site located at an airport/flightline? **Y / N**

4a. If yes, provide a description of the airport/flightline tenants:
The St. Paul Downtown Regional is adjacent to the AASF.

Visual Site Inspection Checklist

Other Significant Site Features:

1. Does the facility have a fire suppression system? **Y / N**

1a. If yes, indicate which type of AFFF has been used:
N/A

1b. If yes, describe maintenance schedule/leaks:
N/A

1c. If yes, how often is the AFFF replaced:
N/A

1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
N/A

Transport / Pathway Information

Migration Potential:

1. Does site/area drainage flow off installation? **Y / N**

1a. If so, note observation and location:
Drainage from the AASF flows into stormwater drains, then north, northeast towards the Mississippi River.

2. Is there channelized flow within the site/area? **Y / N**

2a. If so, please note observation and location:
N/A

3. Are monitoring or drinking water wells located near the site? **Y / N**

3a. If so, please note the location:

4. Are surface water intakes located near the site? **Y / N**

4a. If so, please note the location:

Storm water sewers that drain to the Mississippi River are present on the ramp at the AASF.

5. Can wind dispersion information be obtained? **Y / N**

5a. If so, please note and observe the location.
Wind dispersion information can be obtained from the St. Paul Downtown Airport.

6. Does an adjacent non-ARNG PFAS source exist? **Y / N**

6a. If so, please note the source and location.
St. Paul Downtown Airport to the northeast, including 3M hangars.

6b. Will off-site reconnaissance be conducted? **Y / N**
Follow-up with the St. Paul Fire Department

Significant Topographical Features:

Visual Site Inspection Checklist

1. Has the infrastructure changed at the site/area? **Y / N**

1a. If so, please describe change (ex. Structures no longer exist):

Facility was built in the 1920s and has undergone structural changes. Most recently, the fueling area was redesigned in 2016

2. Is the site/area vegetated? **Y / N**

2a. If not vegetated, briefly describe the site/area composition:

3. Does the site or area exhibit evidence of erosion? **Y / N**

3a. If yes, describe the location and extent of the erosion:

4. Does the site/area exhibit any areas of ponding or standing water? **Y / N**

4a. If yes, describe the location and extent of the ponding:

N/A

Receptor Information

1. Is access to the site restricted? **Y / N**

1a. If so, please note to what extent:

The facility is gated and identification must be shown prior to entering the facility.

2. Who can access the site? **Site Workers / Construction Workers / Trespassers / Residential / Recreational Users / Ecological**

2a. Circle all that apply, note any not covered above:

3. Are residential areas located near the site? **Y / N**

3a. If so, please note the location/distance:

Residential areas are located about 3,700 feet east of the facility on the opposite side of the Mississippi River

4. Are any schools/day care centers located near the site? **Y / N**

4a. If so, please note the location/distance/type:

Visual Site Inspection Checklist

5. Are any wetlands located near the site? **Y / N**

5a. If so, please note the location/distance/type:

Wetlands are located along the eastern and southern boundary of the Holman Field Complex

Additional Notes

Photographic Log

Photo ID/Name	Date & Location	Photograph Description
Photograph No. 1	9/24/2018; St. Cloud AASF	Facing southwest. Storm drain on the South Hangar Ramp.
Photograph No. 2	9/24/2018; St. Cloud AASF	Facing northeast. Purple K fire extinguisher.
Photograph No. 3	9/24/2018; St. Cloud AASF	Facing northeast. Indoor wash rack at the St. Paul AASF.
Photograph No. 4	9/24/2018; St. Cloud AASF	Facing northeast. Drain at the St. Paul AASF indoor wash rack.
Photograph No. 5	9/24/2018; St. Cloud AASF	3% AFFF concentrate at the St. Paul Fire Department.

Appendix B.3
Conceptual Site Model Information

Preliminary Assessment – Conceptual Site Model Information

Site Name: St. Paul AASF

Why has this location been identified as a site?

The facility is an AASF at the St. Paul Downtown Airport. All TriMax fire extinguishers were emptied once on the South Hangar Ramp in October 2013.

Are there any other activities nearby that could also impact this location? Yes

The St. Paul Downtown Airport is downgradient of the AASF.

Training Events

Have any training events with AFFF occurred at this site? Yes

If so, how often? Once, October 2013

How much material was used? Is it documented? All TriMax fire extinguishers were emptied on the South Hangar Ramp.

Identify Potential Pathways: Do we have enough information to fully understand over land surface water flow, groundwater flow, and geological formations on and around the facility? Any direct pathways to larger water bodies?

Surface Water:

Surface water flow direction? North-northeast

Average rainfall? 28 inches

Any flooding during rainy season? Yes, however a flood wall was constructed in 2008

Direct or indirect pathway to ditches? Yes

Direct or indirect pathway to larger bodies of water? Yes

Does surface water pond any place on site? No

Any impoundment areas or retention ponds? No

Any NPDES location points near the site? Yes

How does surface water drain on and around the flight line? Storm water drains on the ramp

Preliminary Assessment – Conceptual Site Model Information

Groundwater:

Groundwater flow direction? North-northeast

Depth to groundwater? 0 to 25 feet bgs

Uses (agricultural, drinking water, irrigation)? Drinking water and irrigation

Any groundwater treatment systems? None known

Any groundwater monitoring well locations near the site? No

Is groundwater used for drinking water? No

Are there drinking water supply wells on installation? No

Do they serve off-post populations? No

Are there off-post drinking water wells downgradient ? No

Waste Water Treatment Plant:

Has the installation ever had a WWTP, past or present? No

If so, do we understand the process and which water is/was treated at the plant? N/A

Do we understand the fate of sludge waste? N/A

Is surface water from potential contaminated sites treated? N/A

Equipment Rinse Water

1. Is firefighting equipment washed? Where does the rinse water go? No

2. Are nozzles tested? How often are nozzles tested? Where are nozzles tested? Are nozzles cleaned after use? Where does the rinse water flow after cleaning nozzles? No

3. Other? No

Preliminary Assessment – Conceptual Site Model Information

Identify Potential Receptors:

Site Worker: Yes

Construction Worker: Yes

Recreational User: Yes

Residential: No

Child: No

Ecological: Yes

Note what is located near by the site (e.g. daycare, schools, hospitals, churches, agricultural, livestock)?
St. Paul Downtown Airport

Documentation

Ask for Engineering drawings (if applicable). Drawings may be requested from MNARNG.

Has there been a reconstruction or changes to the drainage system? When did that occur? Yes
Facility was built in the 1920s and has undergone structural changes. Most recently, the fueling area was redesigned in 2016

Appendix C
Photographic Log

APPENDIX C – Photographic Log

Army National Guard, Preliminary Assessment for PFAS	Army Aviation Support Facility, St. Paul, Minnesota	St. Paul, Minnesota

Photograph No. 1

Description:

Facing southwest. Storm drain on the South Hangar Ramp.

Photograph No. 2

Description:

Facing northeast. Purple K fire extinguisher.

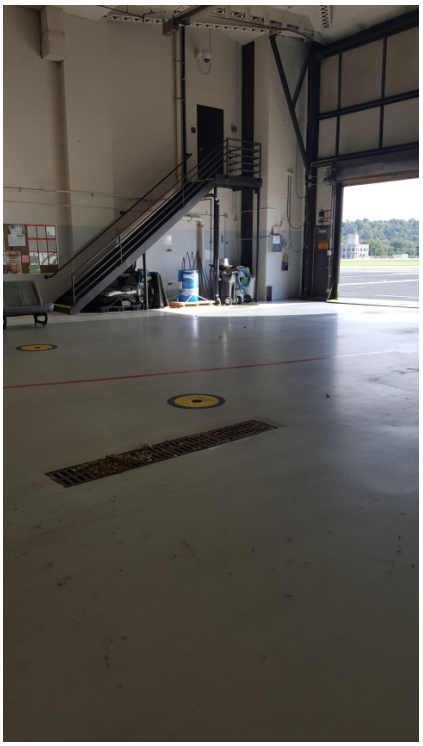
APPENDIX C – Photographic Log

Army National Guard, Preliminary Assessment for PFAS	Army Aviation Support Facility, St. Paul, Minnesota	St. Paul, Minnesota

Photograph No. 3

Description:

Facing northeast. Indoor wash rack at the St. Paul AASF.



Photograph No. 4

Description:

Facing northeast. Drain at the St. Paul AASF indoor wash rack.

APPENDIX C – Photographic Log

Army National Guard, Preliminary Assessment for PFAS	Army Aviation Support Facility, St. Paul, Minnesota	St. Paul, Minnesota

Photograph No. 5

Description:

3% AFFF concentrate at the St. Paul Fire Department.