FINAL Preliminary Assessment Report Joint Forces Training Base Los Alamitos, California

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

September 2019

Prepared for:



Army National Guard Headquarters 111 S. George Mason Drive Arlington, VA 22204



US Army Corps of Engineers, Baltimore District 2 Hopkins Plaza Baltimore, MD 21201

Prepared by:

AECOM 12420 Milestone Center Drive, Suite 150 Germantown, MD 20876 aecom.com

Contract Number: W912DR-12-D-0014* Delivery Order: W912DR17F0192

Table of Contents

⊨xec		Summary					
1.	Intro	ductionduction					
	1.1	Authority and Purpose	6				
	1.2	Preliminary Assessment Methods	6				
	1.3	Report Organization	7				
2.	Site	Site Description					
	2.1	Facility Location, Description and Background	8				
	2.2	Current and Future Land Use	9				
3.	Environmental Setting						
	3.1	Climate	11				
	3.2	Hydrology	11				
		3.2.1 Regional Surface Waters	12				
		3.2.2 Site Surface Waters	12				
	3.3	Geology	13				
	3.4	Regional Hydrogeology	14				
		3.4.1 Groundwater Use	14				
	3.5	Site Hydrogeology	15				
		3.5.1 Groundwater Use	15				
4.	Fire	Training Areas	22				
	4.1	Old Crash Fire Rescue Training Pits	22				
		4.1.1 Description and Operational History	22				
		4.1.2 Current Use, Topography and Surface Features	22				
		4.1.3 Previous Investigations and Remediation	23				
	4.2	New Crash Fire Rescue Training Pit	24				
		4.2.1 Description and Operational History	24				
		4.2.2 Current Use, Topography and Surface Features	25				
		4.2.3 Previous Investigations and Remediation	25				
		4.2.4 Surface Water and Groundwater	26				
	4.3	West End of the Flightline Fire Training Area and AFFF Equipment Nozzle					
		Testing Area					
		4.3.1 Description and Operational History					
		4.3.2 Previous and Current Use, Topography and Surface Features					
		4.3.3 Previous Investigations					
		4.3.4 Surface Water and Groundwater					
5.	Non-Fire Training Areas						
	5.1	Hangar 1 and Washrack					
		5.1.1 Description and Operational History					
		5.1.2 Current Use, Topography and Surface Features					
		5.1.3 Surface Water and Groundwater					
	5.2	Building 34 (JFTB Los Alamitos Fire Station)					
		5.2.1 Description and Operational History					
		5.2.2 Current Use, Topography and Surface Features					
		5.2.3 Previous Investigations					
		5.2.4 Surface Water and Groundwater					
	5.3	AFFF Release in vicinity of Building 80	32				

		5.3.1 Surface Water and Groundwater	32		
	5.4	Emergency Response	32		
		5.4.1 Surface Water and Groundwater			
	5.5	Western Drainage Ditch	33		
	5.6	Hangar 3			
		5.6.1 Description and Operational History	33		
		5.6.2 Current Use, Topography and Surface Features	34		
		5.6.3 Surface Water and Groundwater			
	5.7	Former Landfill Trench Area	34		
		5.7.1 Description and Operational History	34		
		5.7.2 Current Use, Topography and Surface Features			
		5.7.3 Previous Investigations and Remediation	35		
		5.7.4 Surface Water and Groundwater	35		
6.	Adja	acent Off-Site Sources	37		
7.	Con	nceptual Site Model	38		
	7.1	·			
	7.2	Pathways and Receptors	39		
		7.2.1 Soil and Sediment	39		
		7.2.2 Surface Water	39		
		7.2.3 Groundwater	40		
8.	Con	nclusions	44		
	8.1	Uncertainties	45		
9	Refe	erences	48		

Figures

Figure ES-1	JFTB Los Alamitos Summary of Findings			
Figure ES-2	JFTB Los Alamitos Conceptual Site Model			
Figure 2-1	Facility Location Map			
Figure 3-1	Regional Surface Water Features and Watersheds			
Figure 3-2	Facilit	ty Surface Water Features		
Figure 3-3	Geolo	ogy and Well Locations		
Figure 4-1	Fire T	raining Areas		
Figure 5-1	Non-Fire Training Areas			
Figure 7-1	Areas of Interest			
Figure 7-2	JFTB LA Conceptual Site Model			
Figure 8-1	JFTB Los Alamitos Summary of Findings			
Appendice	es			
Appendix A	Data Resources			
	A.1	JFTB LA Licenses and Permits		
	A.2	JFTB LA Stored AFFF Documentation		
	A.3	JFTB LAAFFF Release Documentation		
	A.4	JFTB LA EDR Report		
	A.5	JFTB LA Installation Maps		
	A.6	JFTB LA and UCMR3 Tabulated PFAS Chemistry Results		
Appendix B	Prelin	ninary Assessment Documentation		
	B.1	Interview Records		
	B.2	Visual Site Inspection Checklists		
	B.3	Conceptual Site Model Information		
Appendix C	Photo	ographic Log		

Acronyms and Abbreviations

AASF Army Aviation Support Facility
AECOM Technical Services, Inc.

AFFF aqueous film forming foam
AFRC Armed Forces Reserve Center

amsl above mean sea level

AOI Area of Interest

AR Administrative Record
ARNG Army National Guard

AST above ground storage tank bgs below ground surface

CA ARNG California Army National Guard

CDFA California Department of Food and Agriculture

CERCLA Comprehensive Environmental Response, Compensation, and LiabilityAct

CFR Crash Fire Rescue

CRWQCB California Regional Water Quality Control Board

CSM conceptual site model

DPVE Dual-phase vacuum extraction

DTSC California Department of Toxic Substances Control

EDR Environmental Data Resources, Inc.

EM Environmental Manager

F Fahrenheit

FAC Field Artillery Compound

FD Fire Department FFO Fuel Farm Office

FSS Fire Suppression System

FTA Fire Training Areas

ft feet

gpd gallons per day gpm gallons per minute

HHC Headquarters and Headquarters Company

IED Installations & Environment Division

JFTB Joint Forces Training Base

LA Los Alamitos

LAACOC Los Alamitos Area Chamber of Commerce

lbs Pounds N north

NAS Naval Air Station
NL Notification Level

NPDES National Pollution Discharge Elimination System

OCB Orange County Groundwater Basin

OCWD Orange County Water District

OUS Operable Units
OWS oil/water separator

PA Preliminary Assessment

PFAS per- and poly-fluoroalkyl substances

PFOA perfluorooctanoic acid

PFOS perfluorooctanesulfonic acid

PHAL provisional health advisory levels

RI/FS Remedial Investigation/Feasibility Study

RSC Rossmoor Storm Channel

RWQCB Regional Water Quality Control Board

SI Site Inspection sqft square foot tank farm area

TFFT Tactical Firefighting Truck

UCMR3 Third Unregulated Contaminant Monitoring Rule

US United States

USACE United States Army Corps of Engineers
USDA United States Department of Agriculture

USEPA United States Environmental Protection Agency

USFWS US Fish and Wildlife Service
USGS United States Geological Survey

UST underground storage tank
VSI visual site inspection

W west

WCC Waste Consolidation Cell
WDD Western Drainage Ditch
WEF West End of the Flightline
WWTP waste water treatment plant

i

Executive Summary

The United States (US) Army Corps of Engineers (USACE) Baltimore District on behalf of the Army National Guard (ARNG)-Installations & Environment Division (IED), Cleanup Branch contracted AECOM Technical Services, Inc. (AECOM) to perform Preliminary Assessments (PAs) and Visual Site Inspections (VSIs) for Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) Impacted Sites at ARNG Facilities Nationwide. The ARNG is assessing the potential exposure to humans and the effect on the environment related to processes at facilities that used per- and poly-fluoroalkyl substances (PFAS) (a suite of related chemicals), primarily in the form of aqueous film forming foam (AFFF) released during firefighting activities or training, although other PFAS sources are possible.

AECOM completed a PA for PFAS at the California Army National Guard (CAARNG) Joint Forces Training Base Los Alamitos (JFTB LA) in Los Alamitos, California, to assess potential PFAS release areas and exposure pathways to receptors. The performance of this PA included the following tasks:

- Reviewed available administrative record (AR) documents and Environmental Data Resources, Inc. (EDR) report packages to obtain information relevant to potential PFAS releases
- Conducted a 2-day PA site visit on January 24 and 25, 2018
- Interviewed current JFTB LA personnel during the PA site visit including the JFTB LA Environmental Officer/CA ARNG Operational Noise Program Manager and two JFTB LA Fire Department Captains
- Completed VSIs at known or suspected PFAS release locations and documented with photographs
- Identified areas of interest (AOI) and developed a conceptual site model (CSM) to summarize potential Source-Pathway-Receptor linkages of potential PFAS in soil, groundwater, surface water, and sediment for each AOI

Eight AOIs related to PFAS releases were identified at JFTB LA during the PA. The AOIs are shown on **Figure ES-1** and described in the table below. The CSM for the JFTB LA is presented in **Figure ES-2**.

Area of Interest	Name	Used by
AOI 1	Two Old Crash Fire Rescue Training Pits	Navy and CA ARNG
AOI 2	New Crash Fire Rescue Training Pit	CA ARNG
AOI 3	West End of the Flightline Fire Training Area and AFFF Equipment Nozzle Testing Area	CA ARNG, United States Department of Agriculture (USDA) and California Department of Food and Agriculture (CDFA) for Medfly
AOI 4	Hangar 1	CA ARNG - Army Aviation Support Facility

1

Area of Interest	Name	Used by
AOI 5	Building 34 (JFTB Los Alamitos Fire Station)	CA ARNG
AOI 6	AFFF Release in vicinity of Building 80 by JFTB Los Alamitos Fire Department	CA ARNG
AOI 7	Emergency Response by JFTB Los Alamitos Fire Department	Navy and CA ARNG
AOI 8	Western Drainage Ditch	Navy and CA ARNG

Three Crash Fire Rescue (CFR) Training Pits fire training areas (FTAs) where AFFF was released to the environment were identified based on data obtained during the PA. These AOIs (AOI 1 to AOI 3) include:

- Two Old CFR Training Pits FTAs located close together and considered to be a single AOI
- New CFR Training Pit FTA AOI
- West End of the Flightline (WEF) FTA and AFFF Equipment Nozzle Testing AOI

Five non-FTAs where AFFF was released to the environment were identified based on data obtained during the PA. These AOIs (AOI 4 to AOI 8) include:

- Hangar 1, including Washrack AOI
- Building 34 (JFTB Los Alamitos Fire Station) AOI
- AFFF release in vicinity of Building 80 by JFTB Los Alamitos Fire Department AOI
- Emergency Response by the JFTB Los Alamitos Fire Department where AFFF was reported to have been released to the environment
- Western Drainage Ditch (WDD) AOI

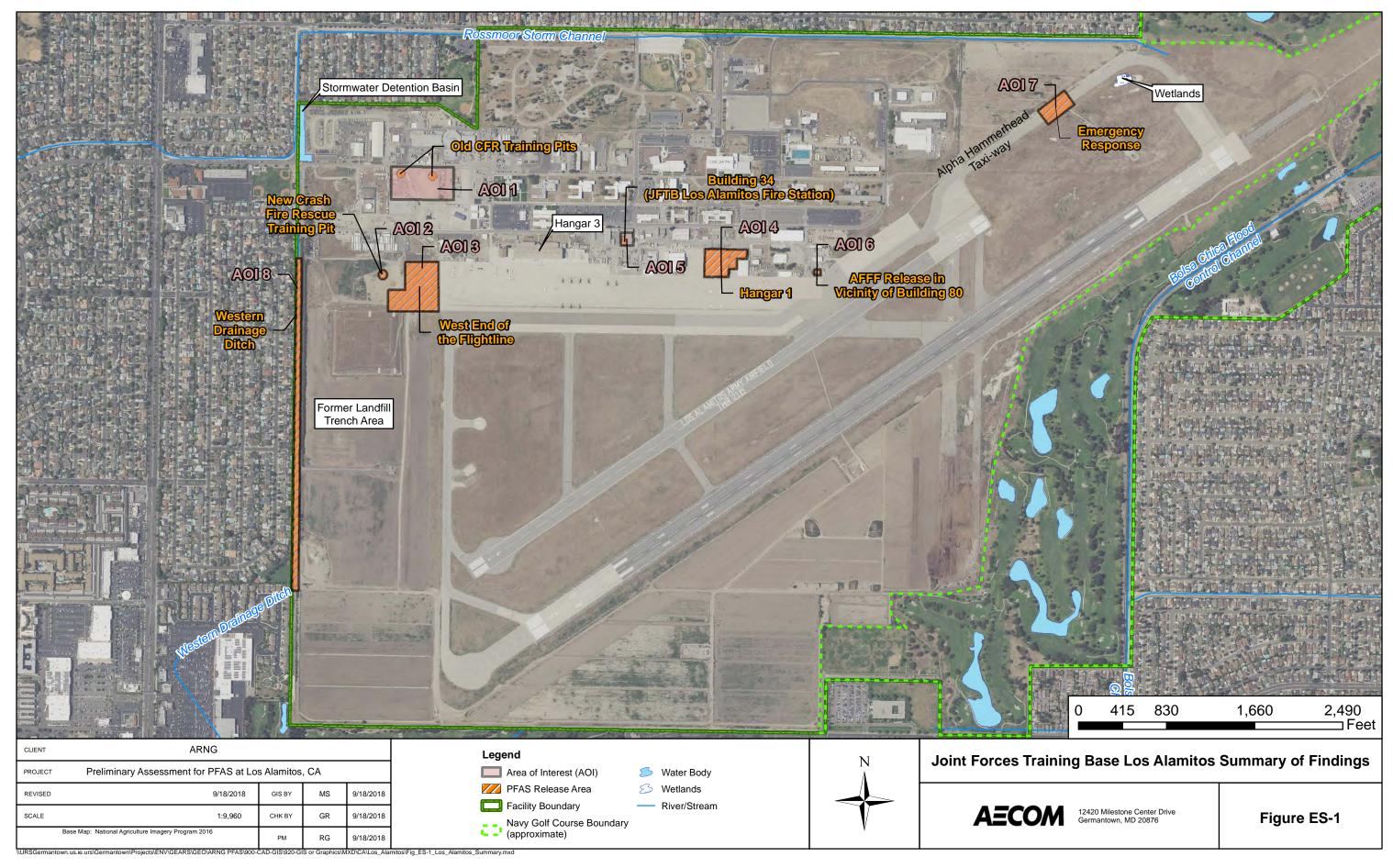
Two other non-FTA areas which are not considered AOIs include:

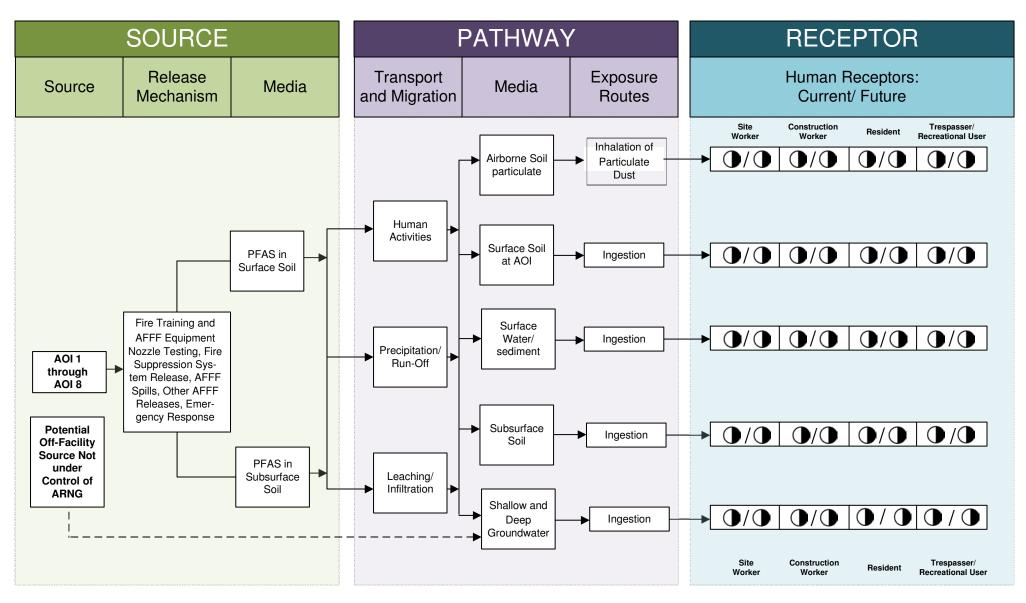
- Hangar 3
- Former Landfill Trench Area

According to data collected between 2013 and 2015, seven water agencies that operate in areas upgradient of JFTB LA had detections of PFOA or PFOS or both compounds. Through review of available documents and databases and based on the various types of chemicals reported to have been released to the environment, one facility located offsite may be a PFAS source area. As such, offsite sources of PFAS in groundwater may have migrated to and beneath JFTB LA.

Based on documented AFFF releases at the eight AOIs identified, there is potential for exposure to PFAS contamination in soil, groundwater, surface water, and sediment for JFTB LA staff and other workers. Receptors are less likely to be exposed to potential PFAS contamination through soil and air; however, some PFAS chemicals are water soluble and can migrate readily from soil to groundwater or surface water via sheet and surface flow run-off and/or leaching. Therefore,

there is a potential for PFAS contamination in soil and sediment to migrate to surface water and groundwater systems.





LEGEND

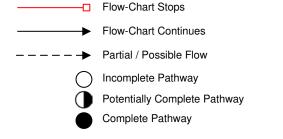


Figure ES-2
Conceptual Site Model
Joint Forces Training Base Los Alamitos 5

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 (IED), Cleanup Branch contracted AECOM Technical Services, Inc. (AECOM) to perform Preliminary Assessments (PAs) and Visual Site Inspections (VSIs) 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, and Modification 01 issued 30 September 2017. The ARNG is assessing potential effects on human health related to processes at their facilities that used per- and poly-fluoroalkyl substances (PFAS) (a suite of related chemicals), primarily releases of aqueous film forming foam (AFFF) although other sources of PFAS 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. The regulatory framework at both federal and state levels continues to evolve. The U.S. 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 and the contaminant is an emerging contaminant. In the absence of federal maximum contaminant levels, some states have adopted their own drinking water standards for PFAS. On July 13, 2018, under the authority of the Deputy Director of the Division of Drinking Water, California issued drinking water notification levels (NL) of 14 parts per trillion (ppt) for PFOA and 13 ppt for PFOS. Notification levels are nonregulatory health-based advisory levels established for contaminants in drinking water for which maximum contaminant levels have not been established.

This report presents findings of a Preliminary Assessment (PA) for PFAS at California Army National Guard (CAARNG) Joint Forces Training Base (JFTB) Los Alamitos (LA) in Los Alamitos, California, 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 [CFR] Part 300) and USACE requirements and guidance.

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

1.2 Preliminary Assessment Methods

The performance of this PA included the following tasks:

- Reviewed available administrative record (AR) documents and Environmental Data Resources, Inc. (EDR) report packages to obtain information relevant to suspected PFAS releases
- Conducted a 2-day PA site visit on January 24 and 25, 2018

- Interviewed current JFTB LA personnel during the PA site visit including the JFTB LA Environmental Officer and CAARNG Operational Noise Program Manager and two JFTB LA Fire Department Captains
- Completed VSIs at known or suspected PFAS release locations and documented with photographs
- Developed a conceptual site model (CSM) to summarize potential Source-Pathway-Receptor linkages of PFAS in soil, groundwater, surface water, and sediment for each area of interest (AOI) identified

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 methods used to complete the PA
- Section 2 Site Description describes the location, description, background and current and future land use of the facility
- **Section 3 Environmental Setting** describes the climate, hydrology, geology and hydrogeology at and surrounding the facility
- **Section 4 Fire Training Areas** describes locations at the facility where AFFF releases related to fire training were documented or otherwise identified
- Section 5 Non-Fire Training Areas describes locations at the facility where AFFF releases not related to fire training were documented or otherwise identified
- Section 6 Adjacent Off-Site Sources describes potential offsite PFAS sources adjacent to the facility that are not under the control of ARNG
- Section 7 Conceptual Site Model describes the Source-Pathway-Receptor linkages of PFAS at each AOI
- Section 8 Conclusions summarizes the findings and presents the conclusions and any uncertainties of the PA
- Section 9 References provides the references used to develop this document

Appendix A – Data Resources

Appendix B – Preliminary Assessment Documentation

Appendix C – Photographic Log

2. Site Description

2.1 Facility Location, Description and Background

The JFTB LA is located in northwestern Orange County, California, within the southeastern corner of the City of Los Alamitos, approximately 20 miles to the southeast of the City of Los Angeles and approximately seven miles north of Seal Beach National Wildlife Refuge and the waters of the Pacific Ocean (**Figure 2-1**).

The JFTB LA is bounded to the north by Farquhar Avenue, residential developments, and commercial-business complexes, to the south by Lampson Avenue, residential developments and the Old Ranch Golf Course, to the east by commercial properties and residential developments; and, to the west by Seal Beach Boulevard, residential developments, a school and a park. The communities of Cypress, Seal Beach, Garden Grove and Rossmoor are situated to the north, south, east and west of the JFTB LA, respectively.

The JFTB LA is largely developed with buildings, roads, and an airfield and occupies approximately 1,319 acres of near-level terrain. The reference point and surface elevation at the geographic center of the airfield is 33° 47' 24" North (N) latitude and 118° 03' 04" West (W) longitude at 21.16 feet (ft) above mean sea level (amsl), respectively.

According to the Los Alamitos Area Chamber of Commerce (LAACOC), the JFTB LA serves multiple tenant entities representing military services, federal, state, municipal, public, private and nonprofit organizations (LAACOC, n.d.). The JFTB LA also has two parks and two special use facilities.

The land area currently occupied by the JFTB LA was used primarily for agricultural purposes in the 1920s and 1930s (PlaceWorks, 2015). In 1941 the Navy purchased the land and by 1942 had constructed a fully operating facility, the Naval Reserve Air Base Los Alamitos. The Base was complete with barracks, a sick bay, and several hangars and functioned during this time as a location for fighter pilot training during World War II. On August 15, 1943, the facility was redesignated as the Naval Air Station (NAS) Los Alamitos and was considered to be one of the Navy's most important U.S. west coast air defense facilities. Approximately 130 buildings, including housing for 2,200 naval personnel was built during the early 1940s. Other structures included hangars, equipment and maintenance shops, a laundry, warehouses, mess halls, headquarter buildings, a gymnasium, chapel, and a small hospital (Marshall and Denger, 2016).

By the end of 1945, NAS Los Alamitos facilities included ordnance storage facilities, a rifle range, motor repair shops, gasoline and oil stations, aviation fuel dispensing facilities, washracks and greaseracks, a laundry, and a fire station. The air station was equipped with both storm and sanitary sewer systems and a wastewater treatment plant that performed secondary water treatment, including a sludge lagoon. A landfill trench area also operated at the facility from the mid-1950s through 1988. During the 1940s, the airfield had a cumulative aviation fuel capacity of 160,000 gallons that was stored in approximately 17 underground storage tanks (USTs) (Marshall and Denger, 2016).

In November 1972, NAS Los Alamitos was re-designated as an Armed Forces Reserve Center (AFRC) and in July 1977 operational control of the AFRC Los Alamitos was officially transferred from the Department of the Navy to the Department of the Army by the House Armed Services Committee. In March 1979, AFRC Los Alamitos was licensed to the State of California by the Department of the Army and the CA ARNG was directed to serve as host of the facility and, as such, was assigned operational control of the installation. In July 2000, AFRC Los Alamitos' status

as a reserve center was changed to Joint Forces Training Base Los Alamitos (Marshall and Denger, 2016).

2.2 Current and Future Land Use

The JFTB LA is an operating flight facility and most areas are not accessible to the general public. Entry into the base requires a valid Common Access Card and nonmilitary visitors must first check in with the base security office at the main gate.

The mission of the JFTB LA is to "operate a military installation and airfield that meets Army standards, and provides support and training facilities for military units and other National, State, and local organizations, to include emergency operations (California Military Department, 2016)." The facility has 160 buildings and encompasses about 1,319 acres of space.

Based on a 25-year development strategy, the JFTB LA Master Plan includes a comprehensive implementation plan to meet developing facility and training program needs in alignment with inevitable mission changes and growth.



3. Environmental Setting

The JFTB LA is situated in Orange County, California, within the southeastern portion of the City of Los Alamitos. The JFTB LA covers about 50 percent of the City's land surface.

The most prominent feature of the JFTB LA is its airfield, which occupies approximately 465 acres and has two runways that are served by a fully staffed Army Air Traffic Control Tower, crash rescue and fire department, jet fuel farm for aviation refueling, and an Army Aviation Weather Office. Airfield operations and support areas encompass approximately 240 acres. Approximately 220 acres are designated as cantonment and include administrative and training facilities, assembly areas, and dining facilities. Approximately 220 acres is recreational/open space used for training activities, athletic fields, a dog park and the Navy Golf Course. The Navy Golf Course has operated and continues to operate under the Navy's purview since its inception. The lands associated with the golf course were permitted to the Navy by the Army for an indefinite period of time. A copy of the permit is included in **Appendix A**. Approximately 190 acres, mostly in the south and southeastern portions of the JFTB LA, is leased to and being managed by Agromin OC. They conduct a soil amendment process in which pre-processed green waste is integrated into the soil in leased land areas to boost nutrient levels.

The surface topography of JFTB LA is generally flat, with an average elevation of 35 ft amsl. The majority of the JFTB LA is developed with buildings, concrete, or asphalt features. There are no naturally occurring surface waterways located on JFTB LA, however, artificially-made channels and a drainage ditch, herein referred to as the Western Drainage Ditch (WDD), exist either within or adjacent to most of the properties boundaries. There are several artificial ponds located within the Navy Golf Course in the southeastern portion of the JFTB LA.

3.1 Climate

The JFTB LA is located in the South Coast Air Basin, within Climate Zone 8, which includes a 6,600 square-mile coastal plain area bounded by the Pacific Ocean on the southwest, and the San Gabriel, San Bernardino, and San Jacinto mountains on the north and east. The South Coast Air Basin includes all of Orange County. Climate Zone 8 is designated as a semi-arid climate with Mediterranean characteristics. Summers are cool, winters mild, and marine- influenced breezes maintain moderate humidity with infrequent rainfall. Air temperature highs in July and lows in January average 78° Fahrenheit (F) and 47°F, respectively.

Rainfall data indicates that the area within which the JFTB LA is located averages approximately 12 inches of rain per year. The rainy season is typically from November through April. Strong, hot winds from the northeast that are referred to as the "Santa Ana" winds are common for short periods of time during the fall and winter months.

3.2 Hydrology

The JFTB LA is within the Westminster watershed, which covers approximately 74 square miles in Orange County. The watershed lies within flat coastal plain and includes a drainage area that is mostly urbanized with residential and commercial development (USACE, 2002). Regional watersheds and surface drainage features that do not originate on the JFTB LA but drain its surface water and waters from the cities of Los Alamitos, Cypress, Stanton, Garden Grove, and other Orange County cities are presented in **Figure 3-1**. Surface water features at the JFTB LA are presented in **Figure 3-2**.

3.2.1 Regional Surface Waters

Three surface water bodies are located in close proximity of the JFTB LA. These include the southwesterly flowing Coyote Creek Channel and the southerly flowing San Gabriel River. The two waterways converge approximately 1½ miles west of the western JFTB LA property boundary. A third natural water body, the Carbon Creek Channel, is located approximately 1 mile north of the northern boundary of the JFTB LA. This westerly flowing channel converges with the Coyote Creek Channel at a point 1 mile north/northeast of the northern perimeter of the JFTB LA. The Coyote and Carbon Creek Channels flow ephemerally throughout the year. The San Gabriel River flows year-round in the lower end (**Figure 3-1**).

Off-facility channels in the vicinity of JFTB LA include:

The Rossmoor Storm Channel

The Rossmoor Storm Channel (RSC) is situated along the northern JFTB LA property boundary. The portion of the RSC that flows from east to west between the intersections of Farquhar Avenue and Lexington Drive and Farquhar Avenue and Bloomfield Street is trapezoidal in shape, with channel slopes and bottom concrete in construction (USACE, 2014). The remaining portion of the RSC that borders the northern JFTB LA property boundary, adjacent to Howard Avenue, is trapezoidal in shape, with channel slopes and bottom earthen in construction. Where the RSC turns south, northwest of the JFTB LA, the channel is trapezoidal with slopes and channel bottom concrete in construction. Water in the RSC eventually flows to the Los Alamitos Retention Basin, followed by the San Gabriel River and Pacific Ocean.

The Bolsa Chica Flood Control Channel

The Bolsa Chica Flood Control Channel is situated along most of the Navy Golf Course's western boundary. This channel, with its principal tributaries including the Anaheim-Barber City Channel and Westminster Channel, drains to Huntington Harbour. The Harbour is approximately 4.5 miles to the south of the JFTB LA. The Channel drains the urbanized commercial, residential and industrial areas in the cities of Anaheim, Stanton, Garden Grove, Westminster, and Seal Beach. The channel and its tributaries vary in construction from earthen and riprap-trapezoidal-channels to vertical walled concrete-lined channels. The portion of the channel that is adjacent to the golf course is trapezoidal with slopes and channel bottom earthen in construction (USACE, 2014)

Regional surface water flow in the Los Alamitos area is to the southwest towards the Alamitos Gap, which is a low-lying area between Long Beach and Seal Beach and contains the San Gabriel River channel. The Alamitos Bay, Huntington Harbour and the Pacific Ocean are the only downstream surface-water bodies in the regional drainage pattern. Alamitos Bay is classified as coastal surface water, which are waters subject to tidal action and waters in the coastal sloughs.

3.2.2 Site Surface Waters

There are no naturally occurring surface water features at the JFTB LA (**Figure 3-2**). Surface water features within JFTB LA boundaries include:

- The WDD, which parallels most of the JFTB LAs western property boundary
- A storm water detention basin located in the northwest corner of the JFTB LA

 Several small artificial ponds associated with the Navy Golf Course, in the eastern portion of the JFTB LA

Additionally, the US Fish and Wildlife Service (USFWS), National Wetlands Inventory, identifies a small freshwater emergent wetland area located in the northeast corner of the airfield, adjacent to the Alpha Hammerhead taxiway (USFWS, 2018).

3.2.2.1 Storm and Sewer Water Infrastructure

The majority of stormwater drains as either overland flow through natural topographic gradients and swales or enters various stormwater drainage catch basins which convey stormwater ultimately to the WDD. A stormwater detention basin is situated in the northwest corner of the Facility. The detention basin only receives stormwater runoff from the Army Reserve facility immediately to the east of the basin. The storm water detention basin area reportedly floods during heavy and prolonged precipitation events. Surface waters temporarily contained in the basin feeds the WDD which flows southerly and leaves the JFTB LA at a point approximately 200 feet north of the facilities southwestern property corner, near Gate 12. The ditch continues southward, crossing under the I-405 Freeway and eventually discharges into the Los Alamitos Retarding Basin followed by the San Gabriel River and the Pacific Ocean.

Surface water in the approximate eastern third of the JFTB LA, including areas occupied by the Navy Golf Course, drain to the Bolsa Chica Channel. The approximate boundary of the Navy Golf Course is shown on **Figure 3-2**.

With exception to surface water entering catch basins associated with the various washrack facilities at the JFTB LA, surface water entering all other catch basins at the facility drain to the WDD. Catch basins associated with facility washracks convey waters to oil water separators prior to sanitary sewer system discharge. These waters are treated by the Orange County Water Districts (OCWD) sanitation plant.

Facility stormwater drainage system plans (as-builts) were not available for review for this PA and as such, further studies will be required to determine the disposition of the stormwater drainage network with respect to potential PFAS within the system.

3.3 Geology

The JFTB LA is situated within the Los Angeles Coastal Plain and Basin in the Peninsular Ranges, a region characterized by northwest trending hills and ranges with intervening valleys. The southern portion of the Plain is an alluvial plain that gently slopes southwest from the Santa Monica Mountains to the San Joaquin Hills.

The JFTB LA is underlain by a northwest-trending syncline that is approximately 20 miles wide and contains up to 2,000 ft of a succession of unconsolidated Quaternary and Tertiary sediments and sedimentary rock. These sediments were deposited in marine, lagoonal, and fluvial environments resting unconformably on Cretaceous and Jurassic granitic and/or metavolcanic basement rocks. The surficial geology beneath the JFTB LA and surrounding area is presented in **Figure 3-3**.

Surface lithology at the JFTB LA comprises Holocene and Upper Pleistocene (Quaternary) alluvial flood plain deposits (Saucedo et al., 2016). These surface deposits are underlain by a succession of Upper Pleistocene, Middle Pleistocene, and Lower Pleistocene sediments, cumulatively up to 2,000 ft thick. Upper Pleistocene sediments include the Lakewood Formation, a bluish-gray silt and fine sandy silt with sand lenses. Middle and Lower Pleistocene sediments include the San

Pedro Formation, which can be further sub-divided into upper, middle, and lower units. Sand and gravel units within the Upper San Pedro Formation are the major water- bearing zones of the middle aquifer system in the Orange County Groundwater Basin (OCB) (California Department of Water Resources [DWR], 2014).

The entire Southern California region is seismically active. Faults in the Orange County-Los Angeles County region that are capable of generating destructive earthquakes and surface rupture in Los Alamitos include the El Modena, Elysian Park, Newport-Inglewood-Rose Canyon, Norwalk, and Whittier-Elsinore fault zones. Located approximately three miles southeast of the JFTB LA, the Newport-Inglewood-Rose Canyon Fault Zone is the closest active fault (Holocene) to the facility. The 11 km long concealed Los Alamitos Fault is located at the southwestern corner of JFTB LA. According to the Southern California Earthquake Data Center (SCEDC, 2013), the most recent surface rupture occurred sometime in the Late Quaternary (between 700,000 years ago and present day). The northwest/southeast oriented fault is characterized as indistinct and may be part of the larger Newport-Inglewood-Rose Canyon fault zone (Figure 3-3).

3.4 Regional Hydrogeology

The JFTB LA is located within the Central Basin of the Los Angeles Coastal Basin, within which is the OCB. In the vicinity of the JFTB LA, the OCB underlies the lower Santa Ana River watershed.

The majority of fresh and easily recoverable water in the OCB resides at a depth of about 2,000 ft in interbedded marine and continental sand, silt and clay deposits situated within a deep structural depression. Upper, middle and lower aquifer systems within the OCB have yields ranging from 500 to 4,500 gallons per minute (DWR, 2014). Recharge to the OCB is from percolation of Santa Ana River flow, infiltration of precipitation, and injection into wells. Groundwater flow within the OCB is generally to the southwest, towards the Pacific Ocean. The OCWD manages groundwater within the OCB.

Excessive groundwater pumping in an area to the southwest of the JFTB LA has caused water levels to drop below sea level inland of the Newport-Inglewood-Rose Canyon fault zone, where a trough-shaped depression allows sea water to migrate inland thereby contaminating the groundwater supply. To protect the OCB from seawater intrusion, a line of wells placed in the Alamitos and Talbert Gaps inject imported and reclaimed water to create a mound of water seaward of the pumping trough (OCWD, 2015b). A portion of the well string related to the Alamitos Barrier project efforts is located approximately 1 ¾ miles southwest of the JFTB LA. According to the OCWD, the principle aquifer groundwater elevations beneath the JFTB LA in 2015 were between -40 and -50 ft amsl (OCWD, 2015a).

3.4.1 Groundwater Use

According to the OCWD (2015b), local water purveyors include the cities of Westminster, Seal Beach, Los Alamitos and Huntington Beach, each of which rely on greater than 70 percent of their total water needs from groundwater production, mostly from wells. **Figure 3-3** depicts the location of off-facility wells in the region.

The EDR Inc. report package reviewed for this PA indicated the presence of the following:

Two Federal USGS-reportable water wells within ¼ to ½ mile and ½ to 1 mile of the JFTB LA
to the west-southwest and west-northwest, respectively

- One Federal-reportable private water supply well within ½ to 1 mile JFTB LA to the eastsoutheast
- Sixteen State-reportable wells located within 1 mile of the JFTB LA, five of which are hydraulically cross- or downgradient to the northwest to southwest of the facility

According to the 2015 Orange County Water District well locations map, the below wells are situated either hydraulically cross- or downgradient and within 1 mile of the JFTB LA (OCWD, 2015a):

- Three active large-system production wells to the southwest (hydraulically downgradient) of the JFTB LA
- Three active large-system production wells to the north-northwest (hydraulically cross gradient) of the JFTB LA
- One active large-system production well to the south (hydraulically cross gradient) of the JFTB LA

Entities that operate large-capacity (i.e. large-system wells) are required to equip their wells with meters and report their production totals every six months, as required by the District Act. Nineteen major groundwater producers within Orange County, including cities, water districts, and private water companies, pump water from about 200 large-capacity wells for retail water use (OCWD, 2015b).

3.5 Site Hydrogeology

Initial groundwater beneath the JFTB LA is in unconsolidated sediments, at depths of less than 20 ft below ground surface (bgs). The second groundwater bearing zone, referred to as Aquifer 1, resides within sediments comprised of silty clay to clayey silt with occasional relatively thin sand lenses (Clayton, 1996a). Groundwater residing in these sediments can be found at depths between 90 and 100 ft bgs. Aquifer 1 is underlain by a silt/clay aquitard that is 20 to 30 ft thick. The aquitard is underlain by Aquifer 2, which holds groundwater in gravelly sands. Groundwater in Aquifer 2 can be found at a depth of approximately 200 ft bgs. Aquifer 2 is underlain by Lakewood Formation clays.

3.5.1 Groundwater Use

Numerous groundwater wells have been installed at the JFTB LA for groundwater gauging and monitoring, groundwater remediation, and potable water and agricultural irrigation water purposes. A discussion of these JFTB LA wells is presented below.

3.5.1.1 Groundwater Monitoring Wells

According to the Spring 2017 JFTB LA groundwater monitoring report, a total of 42 wells are sampled for analytical purposes and 101 wells are gauged in the following JFTB LA areas: former Landfill Trench Area and Waste Consolidation Cell (WCC), former JP-4 Tank Farm (TFA), Fuel Farm Office (FFO), New CFR Training Pit, Buildings 9, 34, 35, 158, 159, and 244; and, Hangars 1 and 2. According to the report, the wells are screened at depths between 4 and 55 ft bgs. Depths to static groundwater, at the time the report was issued, ranged from approximately 4 to 18 ft below top of well casing (Eco & Associates, Inc., 2017).

3.5.1.2 Inactive Potable Water Wells

There are currently three inactive potable wells at the JFTB LA (**Figure 3-3**). A description of the wells is presented below. Photographs of the well heads observed during the PA site visit are presented in **Appendix C**.

ARMD-LA3

Well ARMD-LA3 is approximately 10 ft to the south of Saratoga Avenue, adjacent to an aboveground electrical transformer and about 50 to 125 ft to the northeast of the two Old CFR training pits. The well was installed in 1913 to a depth of 923 ft deep.

The 12-inch diameter well was used for base-wide potable water by the Navy, and subsequently by the CAARNG, until the JFTB LA switched to City domestic water. The well is currently inactive and all pump equipment and piping were removed when the well system was closed down. It was reported that JFTB LA personnel have more recently used the well for reverse osmosis equipment training purposes; however, they have been unable to perform the activity due to a drop in groundwater resulting in pump/draw limitations.

Surface water in the area drains as sheet or overland flow, as no curb and gutter or storm drain infrastructure was observed during the PA site visit. The opening to the well casing is slightly below the ground surface level. The well head lid was recently replaced, prior to which surface water could flow into the well during precipitation events.

Groundwater at the location of the well is reported to flow to the southwest. Hydraulically upgradient of the well is a JFTB LA water pumping station and an equipment maintenance building that is currently occupied by the U.S. Army Reserves, beyond which is a residential community (approximately 600 feet to the north) followed by the Rossmoor Storm Channel (approximately 1,300 feet to the north) of the well. Approximately 1,400 feet southwest (downgradient) is the WDD, a park, and residential community.

ARMD-LA5

Well ARMD-LA5 is in the northern portion of the former JFTB LA Navy Housing area, about 75 ft south of the JFTB LAs northern property boundary. The well was installed in 1963 and is 672 ft deep. The well is not currently used as a potable water source.

Approximately 30 acres in size, the Navy Housing area was used to house Navy staff in several structures that were removed in 2015. The area is currently used for urban training exercises and is accessible with escort only.

Ground cover in the area is relatively flat and with a mix of grass and gravel with animal (ground squirrel) burrows observed throughout the area. The well head was observed to be secured with a steel plate that was recently replaced.

Surface water in the area drains as sheet or overland flow, as no curb and gutter or storm drain infrastructure was noted. A brick wall separates the JFTB LA from a residential community and commercial and industrial properties to the north. The Rossmoor Storm Channel is directly adjacent and north of the wall. Groundwater at the location of the well is reported to flow to the southwest.

ARMD-LARA

The ARMD-LARA well is currently used as a non-potable (gray) water well and is currently listed as inactive. The 6-inch diameter well was installed to a depth of 115 ft bgs in 1944. The well is located to the south of the airfield, approximately 200 ft to the northeast of the GCA Hardstand Building (GCA). At the time of the PA site visit, a piece of plywood was observed to cover the well head opening and the well head was observed to be without pumping equipment.

Surface water in the area drains as sheet or overland flow, as no curb and gutter or storm drain infrastructure was observed during the PA site visit. The top of the well casing is at or below the ground surface level and surface water is reported to enter the well during periods of heavy rainfall.

Groundwater at the location of the well is reported to flow to the southwest. Generally flat and open leased lands, an OCWD water well, and a residential community are approximately ½ mile to the south of the well.

In February 2017, groundwater from the three inactive potable JFTB LA wells was analyzed for PFAS. The results of the PFOA and PFOS analyses are presented below and a tabulated data set that includes the results of all the PFAS compounds analyzed is provided in **Appendix A**.

- Well ARMD-LA3 had PFOA and PFOS in groundwater at concentrations of 87.9 and 230 ng/L, respectively
- Well ARMD-LARA had PFOA and PFOS in groundwater at concentrations of 28.6 and 30.8 ng/L, respectively
- Well ARMD-LA5 had PFOA and PFOS in groundwater at concentrations of 28.0 and 48.7 ng/L, respectively

3.5.1.3 Irrigation and Other Wells and Water Storage Reservoirs

The below section describes other wells and storage reservoirs situated within and associated with JFTB LA. **Figure 3-3** depicts the locations of the wells.

Two potable water wells (BW-1 and BW-2) that were located in the vicinity of Building 9 were active water supply wells until July 1995, at which time the JFTB LA switched to water purchased from the City of Los Alamitos, delivered to the facility by a 16-inch diameter pipe that enters the JFTB LA at the main gate on Lexington Avenue. Installed in 1942, BW-1 and BW-2 reached depths of 715 and 484 ft bgs, respectively. The two former wells are officially abandoned and destroyed/sealed.

Two irrigation supply wells used for agricultural purposes were installed by a farmer who formerly cultivated tomatoes and possibly other food crops in fields in the southern to southeastern portion of the JFTB LA. The first of the two wells was installed in 1975 to a depth of 860 ft bgs. Referred to as the ITO-LA well, the 14-inch diameter well is currently used by Agromin OC as a water supply well for dust control and fire mitigation needs, related to their mulch sorting operations in the southeastern portion of the Airfield. The water from the well is placed into a water truck that is used to spray the water on roads and the mulch pile. The USACE owns the well, but registration is maintained by Agromin, who twice-yearly submits water production reports to the OCWD. A photograph of the well head is provided in **Appendix C**.

In February 2017, groundwater from ITO LA was analyzed for PFAS. Groundwater from well ITO LA had a PFOA concentration of 3.39 ng/L. PFOS was not detected above laboratory reporting

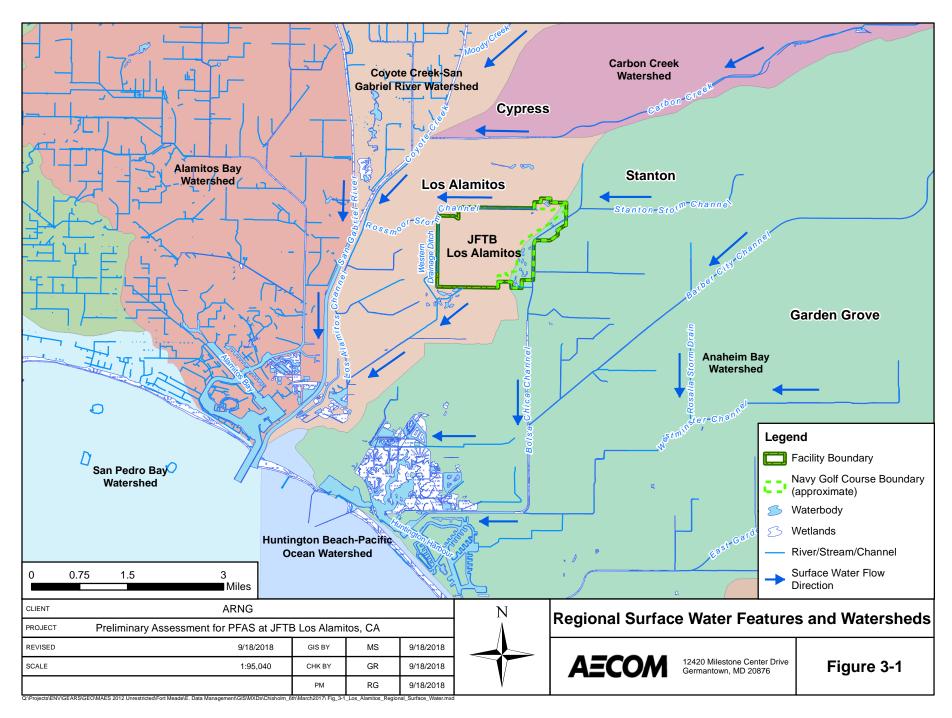
limit for the compound. The results of PFAS compounds analyzed is provided in a tabulated data set, provided in **Appendix A**.

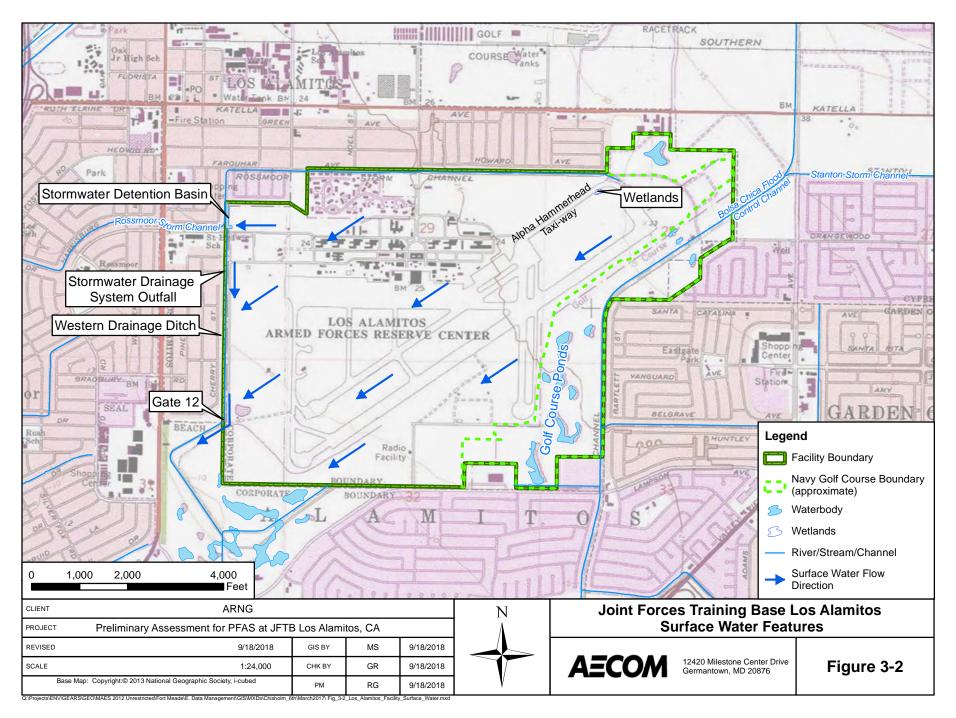
The second irrigation well is situated adjacent to the southern JFTB LA property boundary. The well was installed in 1988 to a depth of 800 ft bgs. The well has not been abandoned but is sanded-in and is not usable as a water supply.

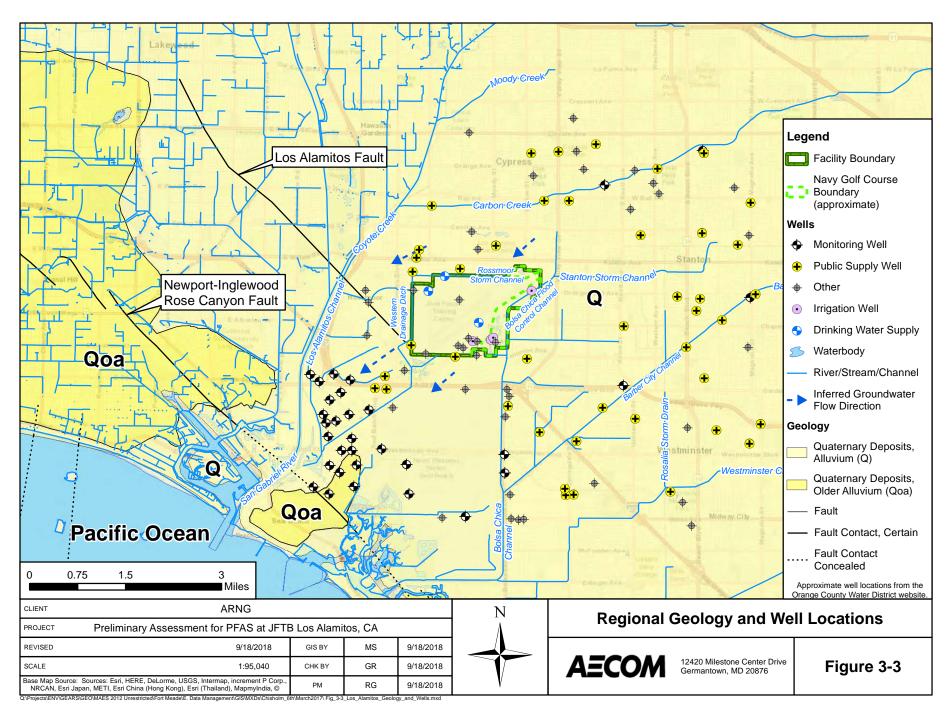
Three wells are associated with the Navy Golf Course situated in the eastern to southeastern part of JFTB LA. According to well records, wells BW-4, -6 and -7 were installed by the Navy between 1958 and 1967. Used for irrigation purposes, wells BW-4, BW-6 and BW-7 reach depths of 836, 546 and 634 ft bgs, respectively.

The OCWD operates a basin monitoring well located near the northwest corner of the JFTB LA, in the vicinity of the detention basin and east of the Army Reserve facility. The OCWD collects a groundwater sample for laboratory analysis from the well annually and gauges water levels every month. The well was installed in 1995 and reaches a depth of 1,664 ft bgs.

There are no active potable water storage reservoirs on the JFTB LA; although two inactive 1-million-gallon ground-level reservoirs exist at Building 411 and 412. The reservoirs were put into standby status in July 1995 (Vernadero Group, 2011).







4. Fire Training Areas

Three FTA AOIs were identified during the PA. These include two Old CFR Training Pits (combined into one AOI); one New CFR Training Pit; and one more recently used West End of the Flightline (WEF) FTA and AFFF equipment nozzle testing area. **Figure 4-1** depicts the location of the FTA AOIs. Photographs of the CFR Training Pits and FTAs are presented in **Appendix C**. A discussion of the three FTA AOIs identified is presented below.

4.1 Old Crash Fire Rescue Training Pits

4.1.1 Description and Operational History

Two Old CFR Training Pits were located in close proximity to each other in the northwest portion of the JFTB LA. One is located south of Building 272, Buildings 275 D through G, and Saratoga Avenue; east of the JFTB LA JP-4 Tank Farm Area, north/northeast of the Fuel Farm Office (FFO) and former "Seabee Compound" areas and Building 74. The other is located west of Building 279 and a parking area (**Figure 4-1**).

The older of the two pits was initially used by the Navy and then by the JFTB LA until approximately 1983. The year in which the Navy constructed and initially began to use this pit is unknown. The pit is located at approximate geographic coordinates 33°47'43.58 N, 118°03'48.53" W.

A second pit was constructed approximately 200 ft to the west of the older pit. The pit was in use from 1977 to 1979. It should be noted that the exact location of this pit is not known. **Figure 4-1** depicts the pits approximate location.

The two Old CFR Training Pits were each reported to be 60 ft in diameter. To allow for liquids to be introduced into the pits without escaping, berms were constructed around the pits to a height of approximately 1 ft. During fire training exercises, the pits were flooded with water and JP-4 fuel or other combustibles were introduced to the ponded waters' surface. The fuels were ignited and then extinguished using AFFF. After the fire was extinguished, the fuel residue was burned off and the remaining liquids were allowed to percolate into the ground, often without additional burning. The pits were unlined. Fuels introduced to the pits were stored in nearby above ground storage tanks (ASTs).

The quantity of fuel used during each fire training session is reported to be between approximately 500 to 1,000 gallons and exercises were conducted six to eight times per week over the period that the pits were used. The amount and percentage of AFFF used is not known.

4.1.2 Current Use, Topography and Surface Features

The surface topography in the vicinity of the two Old CFR Training Pits was observed during the PA VSI to be generally flat. Saratoga Avenue, to the north, is paved with asphalt and is at an equal elevation to surrounding non-paved areas. The roadway is without curb and gutter and no drainage-related infrastructure was noted in the area.

The older of the two CFR Training Pits is bounded by a chain-linked fence, is relatively flat, and covered with gravel and grasses. The area is currently used by the military police as a motor pool storage yard, with access restricted to JFTB LA personnel. The second Old CFR Training Pit area is used to store steel shipping containers. The mixed gravel and grass ground surface is relatively flat, with minor dips and depressions and potholes in some areas.

4.1.3 Previous Investigations and Remediation

Soil and groundwater was investigated for fuel and solvent releases using direct push drilling methods at the two Old CFR Training Pits. It is unclear if the investigations were conducted in the immediate area of where the pits were located. The analyses did not include PFAS and hazardous and petroleum constituents analyzed were detected at concentrations below the constituents respective soil and groundwater standards.

Several remediation systems operated within the vicinity to remediate fuel and solvents in groundwater. Operation of these systems is of interest as they are within close proximity to the Old CFR Training Pits and potentially influenced the migration of PFAS, if present, in the subsurface. Further, a number of in-situ interim remedial actions were also conducted in the vicinity of the pits, including injection of oxygen release compound (ORC) and ozone in the subsurface to enhance aerobic bioremediation efforts. In-situ chemical remediation and ozone addition by means of injection into the subsurface may have expedited the transformation of PFAS pre-cursors into PFOS and PFOA, which have different fate and transport characteristics.

Three remediation systems operated at the Field Artillery Compound (FAC) (formerly the Sea Bee Compound), Fuel Farm Office (FFO) and former JP-4 TFA. In-situ remediation occurred at the former JP-4 TFA and FFO. A description of the remediation systems and injection activities is presented below.

4.1.3.1 Field Artillery Compound (formerly Sea Bee Compound) DPVE

The FAC is situated hydraulically cross-gradient and approximately 600 feet southeast of the two Old CFR Training Pits, at the northwest corner of the intersection of Enterprise Avenue and Essex Road. The compound was used by a U.S. Naval Reserve Construction Battalion Unit until 1994. The facility was used for vehicle and heavy equipment maintenance, hazardous material storage, battery maintenance and storage, and administrative uses where solvents were used and leaked to groundwater (Clayton Group Services, Inc. [Clayton], 2006). A dual-phase vacuum extraction (DPVE) system was installed in October 1998 and operated until April 2000.

4.1.3.2 Fuel Farm Office DPVE

The FFO is located to the south of the FAC and Constitution Road. The various buildings were used for aircraft refueling activities and related administrative purposes between the 1960s and early 2002. A DPVE system began operating in June 2002. Groundwater was extracted using 23 wells screened at either 35 or 55 ft bgs, within Aquifer 1. The northern section of the extraction well network targeted contaminants in the southern section of the FAC (Eco & Associates, 2016). The system was shut-down in July, 2006.

4.1.3.3 Former JP-4 Tank Farm Area DPVE and Interceptor Trench

At a distance of approximately 800 ft to the west/southwest and hydraulically downgradient of the two Old CFR Training Pit FTAs, two groundwater treatment systems operated in the former JP-4 TFA. Located adjacent to the western boundary of the JFTB LA, between Constitution and Saratoga Avenues, the area accommodated three aviation gasoline and jet fuel USTs (totaling 210,000 gallons) and associated product delivery lines, facilities which leaked fuel-related contaminants to the subsurface.

To provide a barrier to offsite contaminant migration, an interceptor/product extraction trench was constructed in November 1995. In addition, a DPVE system that originally used 26 extraction wells and 37 air sparging points was installed in February 1998. The system, which is the only

groundwater treatment system in operation at the JFTB LA, currently uses six wells to extract and treat approximately 8,000 gallons of groundwater per day.

Groundwater from the Old CFR Training Pits may have moved to the JP-4 TFA and been extracted and treated by the JP-4 TFA containment system.

4.1.3.4 JP-4 Fuel Farm Area ORC and Ozone Injection

In April 2006, ORC was injected into the subsurface at 210 direct push boring locations within the JP-4 FFA. The application covered an area of approximately 29,000 sq ft. The ORC was applied within the upper 10 ft of the saturated zone to depths of approximately 7 to 17 ft bgs. A second application occurred in March 2007 at 280 direct push boring locations that covered an area of 31,500 sq ft. The ORC was injected to depths between 8 and 28 ft bgs in areas not previously covered during the initial application. In June 2009, an ozone unit was installed in the northeastern portion of the JP-4 TFA. The air sparge system used 15 ozone gas sparge points. The system operated until September 2011 (Eco & Associates, Inc., 2017).

4.1.3.5 Fuel Farm Office ORC Treatment

Two full scale applications of ORC occurred in August 2006 and March 2008 at the FFO. During each of the two applications, about 8,000 pounds (lbs) of ORC Advanced was applied over depths varying from 16 to 45 feet bgs at 80 locations.

4.1.3.6 Surface Water and Groundwater

Surface water in the area of the Old CFR Training Pits flows as sheet or overland flow or is captured in the JFTB LA stormwater system drainage infrastructure. Surface water in the area ultimately drains to the WDD. Significant volumes of groundwater extracted by each of the remediation systems were passed through granular activated carbon vessels subsequent to which the effluent was ultimately discharged to the WDD in accordance with a National Pollution Discharge Elimination System (NPDES) permit. The NPDES discharge permit was terminated and JFTB LA currently does not have a permit.

From 2011 to the present a no-discharge alternative was initiated and treated water from the former JP-4 TFA DPVE system was used to irrigate poplar trees associated with a phytoremediation barrier located along the JFTB LA's western boundary, adjacent to the WDD. Currently, approximately 8,000 gallons of water per day is extracted from the six operating wells. The water is conveyed to a water truck that is used to spray water in about the southern third of open areas at the JFTB LA, for dust mitigation purposes.

Groundwater beneath the Old CFR Training Pits area is reported to flow in a direction to the southwest. The closest residential structures are approximately 750 ft and 1,250 ft to the north (hydraulically cross gradient) and west (hydraulically down gradient) of the area, respectively.

4.2 New Crash Fire Rescue Training Pit

4.2.1 Description and Operational History

The New CFR Training Pit is located in the western portion of the JFTB LA facility, amongst the couple of remaining JFTB LA revetments (**Figure 4-1**). Photographs of the area are presented in **Appendix C.** The area is accessible to base personnel only.

The New CFR Training Pit area is bounded to the north by the former JP-4 TFA and Medfly Compound, to the west by the WDD and residential development, to the south by the WCC and to the east by the WEF FTA. The geographic coordinates and surface elevation at the approximate center of the New CFR Training Pit are 33°47'34.54" N, 118°03'55.80" W and 20 ft amsl, respectively.

The New CFR Training Pit was used by JFTB LA for training from 1983 until September 1987, at which time outside burning was discontinued by an Air Quality Management District mandate. During these years, training exercises consisted of flooding the pit with water and then introducing JP-4 or other flammable liquids over the surface of the ponded water. The fuel was ignited and the fire was extinguished using AFFF. The percent concentrate of AFFF used during this time is not known. At the conclusion of training sessions and after the fire was extinguished, remaining fuel residue was burned off. Residues that were not burned off were permitted to percolate into the ground (Clayton, 1996a).

Approximately 500 to 1,000 gallons of fuel was introduced into the pit during each training session. Fire training exercises were conducted six and possibly up to eight times per week over the approximate 5-year period the pit was used (Clayton, 2007).

The New CFR Training Pit was approximately 3 to 5 ft deep, 60 ft in diameter, and surrounded by a 1 to 1 ½ foot high earthen berm. The bottom of the pit was constructed with 4 ft of imported sand and gravel placed in alternating layers (Clayton, 1996a). In addition, an underground pipe out-letting at the center of the pit was installed and used to convey fuels to the pit during fire training exercises. A fuel feeder pipe was attached to a 4,000-gallon fuel tanker located approximately 100 ft south of the pit. Revetment 118, situated to the south of the New CFR training pit area, was used to store the fuel tanker that conveyed fuels to the pit (Clayton, 2007).

4.2.2 Current Use, Topography and Surface Features

The surface topography in the vicinity of the New CFR Training Pit is generally flat and covered with weeds and grasses. The area is vacant with exception of two remaining revetment structures, one of which is located to the northeast of the former pit location and the other to the southwest.

4.2.3 Previous Investigations and Remediation

Previous investigations performed in the area of the New CFR Training Pit area have included investigations of soil and groundwater for solvents and petroleum hydrocarbons. Several groundwater wells were installed and soil bores and hydro-punch activities were completed in the area. Additionally, several remediation systems operated within the vicinity to remediate fuel and solvents in groundwater. The operation of these systems is of interest as they are within close proximity to the New CFR Training Pit and potentially influenced the migration of PFAS, if present, in groundwater.

4.2.3.1 Former Landfill Trench Area DPVE System and Well R6-1A

In 1999, an interim remedial action DPVE remediation system was installed to remove and treat volatile organic compounds in the southern portion of the former landfill trench area, south of the New CFR Training Pit and adjacent to a former radar station access road (USACE, 2016). The remediation system was shut down in 2006, based on the anticipated removal of the landfill waste and prior to placement of the landfills waste into a WCC.

In September 2013, Well R6-1A was installed to monitor groundwater conditions associated with the WCC. The well was more recently converted from a monitoring well to an extraction well and

connected to the JP-4 TFA containment system by means of above-ground PVC pipe. The well is currently being used to remove and treat chlorinated solvents that are migrating in groundwater from the New CFR to beneath the WCC. The well, in which groundwater is known to be contaminated with chlorinated solvents, is located approximately 350 feet downgradient of the New CFR Training Pit. As such, PFAS is likely present in groundwater at the well location and is being conveyed to the JP-4 containment system for treatment. Effluent from the system is currently conveyed to a water truck that sprays water in open areas south of the JFTB LA flightline for dust suppression purposes.

4.2.4 Surface Water and Groundwater

Water extracted by the above described systems was directed to the WDD, which is an upper reach tributary to the Tidal Prism of the San Gabriel River. The ditch is approximately 700 feet west of the New CFR Training Pit FTA, immediately west (hydraulically downgradient) of which is a residential community. No other surface drainage features were noted during the PA VSI. Groundwater flow beneath this AOI is to the southwest.

4.3 West End of the Flightline Fire Training Area and AFFF Equipment Nozzle Testing Area

4.3.1 Description and Operational History

The WEF FTA is located at the northwest edge of the paved runway area, south of Enterprise Avenue near Nosedock 61 and east of the New CFR Training Pit FTA (**Figure 4-1**). The approximated geographic location and surface elevation of the WEF FTA are 33°47'33.85" N, 118°03'49.33" W and 19 ft amsl, respectively. The area is accessible to base personnel only.

4.3.2 Previous and Current Use, Topography and Surface Features

From the mid-1960s to early 1970 the WEF FTA was used for the staging of fuel bladders. Aircraft maintenance and cleaning was also conducted in this area during the 1950s and 1960s. At the time of the PA VSI, several fuel tanker trucks were observed to be parked in the area. A portion of this area is used by Medfly, a program operated jointly by CDFA and the USDA, for aircraft parking purposes.

According to JFTB LA Fire Department (FD) staff interviewed, fire training exercises were conducted in the WEF area within the last 20 years. The training was simulated, where trainees set up a target, such as cardboard, on the concrete portion of the tarmac and sprayed 3% AFFF on the target to learn how to apply the foam. There was no actual fire involved as the Air Quality Management District banned open fires in 1987. The AFFF applied was pushed or sprayed off the concrete with water into the grass and soil covered areas west of the concrete tarmac.

In addition to the fire training activities and according to JFTB FD staff interviewed, AFFF equipment nozzle testing was conducted regularly prior to 2018 on a once monthly basis in the southwest corner of the WEF. In early 2018, all AFFF nozzle testing activities ceased per U.S. Army Office of the Assistant Chief of Staff for Installation Management directive prohibiting non-emergency use of AFFF. During the tests, 3% AFFF was sprayed through equipment nozzles for a period of approximately 10 seconds. The stream of spray was directed to the grassy area west of the WEF's concrete surface, where it ponded in surface depressions and evaporated or percolated into the ground. Equipment nozzle tests were conducted in this area since at least

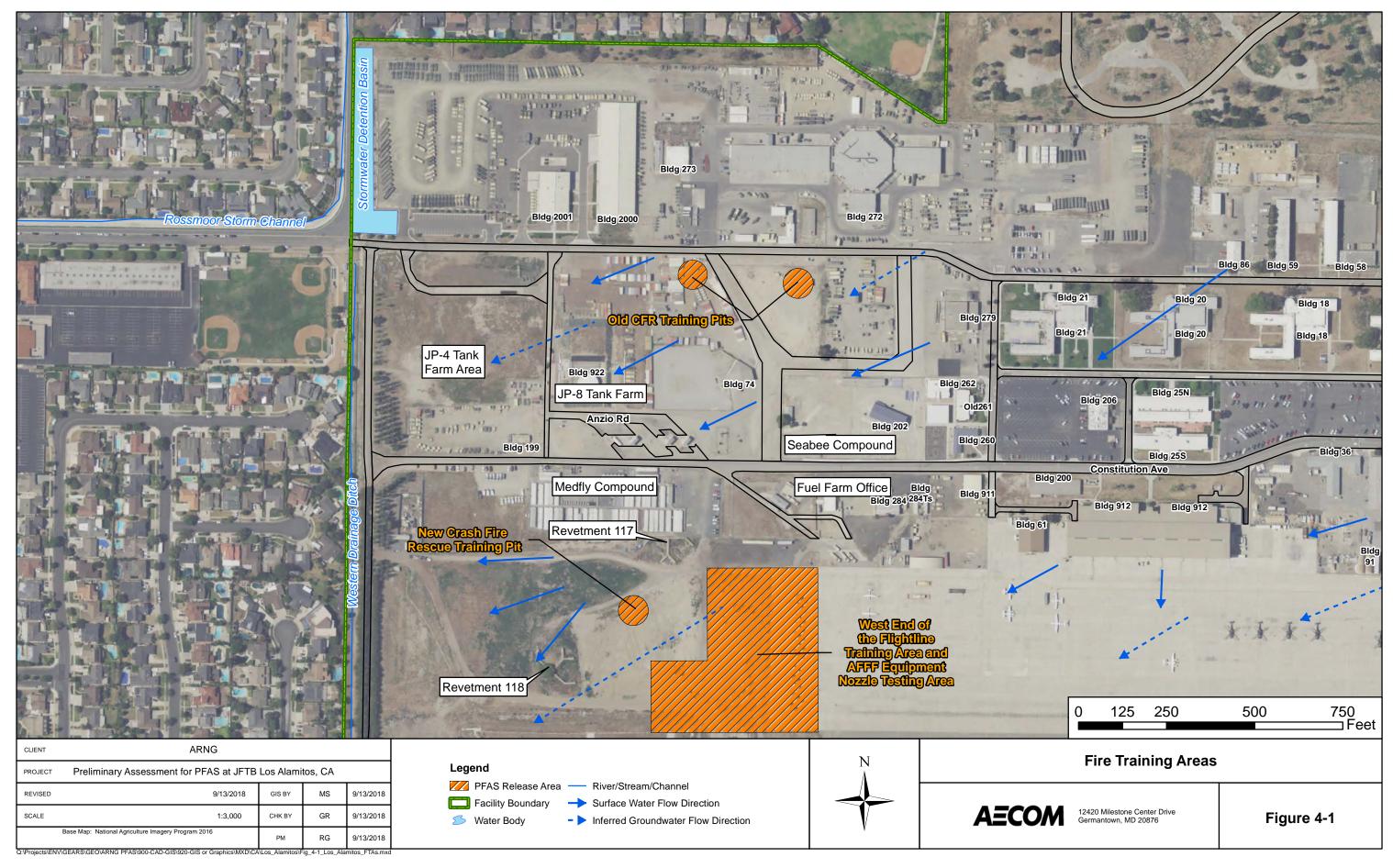
2000, the year of initial employment of the FD staff interviewed. It is not known when the practice of nozzle tests began in this area or if any other equipment testing areas were used at JFTB LA.

4.3.3 Previous Investigations

Soil and groundwater at the WEF was investigated for hazardous and petroleum constituents. Direct-push drilling techniques were used to collect soil and groundwater samples during a remedial investigation of the area. Samples collected at the time were not analyzed for PFAS.

4.3.4 Surface Water and Groundwater

Surface water in the vicinity of the WEF FTA drains to the WDD. The ditch is approximately 1,100 feet to the west of the WEF FTA and nozzle testing area, immediately west (hydraulically downgradient) of which is a residential community. Although not observed during the PA VSI, aerial photographs and documents reviewed indicate the presence of two catch basin storm drains at the southwestern portion of the WEFs tarmac. Water entering the catch basins drain to the WDD (Clayton, 1996). Groundwater flow beneath this AOI is to the southwest.



5. Non-Fire Training Areas

Locations that are considered non-FTA AOIs include but are not limited to, hangars, fire stations, emergency response, and other locations where AFFF was released or had potential to be released to the environment.

Five areas where AFFF was documented to have been either intentionally or unintentionally released were identified during the PA. These areas include:

- Hangar 1, including Washrack
- Building 34 (JFTB Los Alamitos Fire Station)
- AFFF release in vicinity of Building 80 by JFTB Los Alamitos Fire Department
- Emergency Response by the JFTB Los Alamitos Fire Department where AFFF was reported to have been released to the environment
- Western Drainage Ditch

One non-FTA where AFFF was released that is not considered an AOI is Hangar 3. A full-foam test was performed in the hangar as part of the buildings fire suppression system initial testing procedure. The 3% AFFF was fully contained and disposed of in accordance with the facilities non-hazardous waste disposal procedures. A former landfill is also a non-FTA feature of interest, however, is not considered an AOI. The landfill trench area was historically situated within the western portion of the facility, in between the flightline and the facility's western property boundary. The landfill was excavated in 2008 and its contents were placed in a lined WCC. No information is available concerning PFAS containing materials being disposed of in the landfill.

The location of the five non-FTAs, Hangar 3 and the former landfill trench area are shown on **Figure 5-1**. Photographs of each non-FTA visited during the PA VSI are presented in **Appendix C** and a description of each AOI is presented below.

5.1 Hangar 1 and Washrack

5.1.1 Description and Operational History

The JFTB LA Hangar 1 is located to the north of the approximate center of the flightline and west of the washrack and Building 914 (**Figure 5-1**). The geographic coordinates and surface elevation at the approximate center of the hangar structure is 33°47'34.54" N, 118°03'55.80" W; and, 20 ft amsl, respectively. The area is accessible only to JFTB LA base personnel.

The JFTB LA Hangar 1 has been in continuous use since 1943 and is used for aircraft maintenance purposes.

On October 8, 2012 the fire suppression system discharged foam when a contractor pressurized the system for testing purposes during final project inspection. Approximately 100 gallons of 3% AFFF was reported to have been released into the hangar during the event. The approximate extent of area affected was reported to be a 50 ft by 100 ft area.

Based on interviews conducted during the PA site visit and a hazardous materials/waste incident report (included in **Appendix A**), the release was from only one of the six overhead agitators associated with the automatic fire suppression system. Located in the northeast corner of the

hangar, the agitator released foam onto a helicopter that was being serviced. After the release, the helicopter was pushed out of the hangar and into the washrack area where it was hosed off with water. AFFF in the hangar was squeegeed out of the west side of the hangar and the foam was pushed out to the concrete driveway area between the hangar and washrack. The incident report noted that the JFTB Los Alamitos FD responded and contained the spill with absorbent materials to protect the storm drain and wash rack drop inlets. Two nearby catch basins, one located in the driveway area between the hangar and the washrack and the other in the center (floor) of the washrack structure, were observed during the PA site visit. The report indicated that liquids and used absorbent materials were place into 50-gallon drums, which were taken to the facility's hazardous materials storage area. The final disposition of the drums is not known.

5.1.2 Current Use, Topography and Surface Features

The JFTB LA Hangar 1 is currently used for helicopter maintenance by the Army Aviation Support Facility (AASF). The washrack structure to the west of the hangar is used by JFTB LA hangar staff and others for cleaning aircraft and various other motorized equipment.

During the PA site visit, an AST containing 3% AFFF was observed outdoors, in the northeast corner of the hangar. The AST is supported by steel cradles that are bolted to a raised concrete pad. As such, the AST is not in contact with the ground surface and was observed to be in good condition. The AST was observed to be aluminum in construction, with an estimated 750-gallon capacity. Pipes associated with the AST pass through the hangars outside wall and connect to a hydraulically operated automatic fire suppression system located in the main hangar area. According to a manufacturer's tag that was affixed to the system, the two zone system was installed in November 2010 by Cosco Fire Protection. The designed density and area of discharge is 0.20 gallons per minute per square foot (gpm/sqft) and 5,000 sqft respectively. The design sprinkler water flow rate and foam flow rate is approximately 1,300 gpm and 1,400 gpm, respectively. A total of six bell-shaped agitators were observed hanging from the ceiling of the structure.

The hangar is surrounded by generally flat driveway surfaces concrete in construction. The floor of the hangar was observed during the PA site visit to consist of a level concrete slab with a painted surface and coated with an epoxy-type material. A washrack that shares a driveway area with the hangar is located to the east. The washrack has a canopy style roof and is open on all sides. The floor of the wash rack is concrete and generally flat with exception of areas slightly pitched towards the wash rack floor drains.

According to the JFTB LA environmental manager, the hangar's fire suppression system is currently inoperable due to service contracting issues, although the system was reported to be fully charged with 3% AFFF.

5.1.3 Surface Water and Groundwater

No drainage features were observed within the interior footprint of the hangar during the PA VSI. One catch basin was observed in the floor of washrack. Surface water entering this catch basin is conveyed to an oil/water separator that connects to the sanitary sewage system. The water is treated off-site at the Orange County Water Districts sanitation plant. The OWS is regularly emptied by outside contractors hired to dispose of the waste at an off-site facility that accepts non-hazardous wastes.

A second catch basin was observed during the PA site visit in the open drive-way area between the hangar and washrack. Water mixed with the 3% AFFF that was flushed out of Hangar 1 and

not captured by containment boom would have entered this storm drain catch basin and been conveyed through the JFTB LA stormwater drainage system, which ultimately outfalls at the WDD. Cracks in the concrete observed during the PA VSI around the catch basins may be conduits for PFAS migration into the subsurface (see photographs in **Appendix C**).

Groundwater flow beneath the hangar and washrack area is to the southwest.

5.2 Building 34 (JFTB Los Alamitos Fire Station)

5.2.1 Description and Operational History

The JFTB LA Building 34 (Fire Station) is located south of Constitution Avenue, east of Building 35 (**Figure 5-1**). The geographic coordinates and surface elevation at the approximate center of the building are 33°47'34.54" N, 118°03'55.80" W and 20 ft amsl, respectively.

The JFTB Los Alamitos FD is a single station department and currently operates with 17 career personnel and as many as 30 reserve firefighters. The FD provides fire prevention and protection services and performs visual inspections and tests of fire protection equipment and systems at the JFTB LA. The department has a mutually cooperative agreement with the Orange County Fire Authority to provide emergency assistance, as-needed.

The FD's primary purpose is aircraft rescue firefighting but fulfills structural suppression and emergency medical response as well. Fire department duties also include fire prevention/life safety code enforcement and fire education to the JFTB LA and surrounding community.

5.2.2 Current Use, Topography and Surface Features

The FD operates and maintains four firefighting trucks, three of which are specially equipped tactical firefighting trucks (TFFTs) that are capable of carrying either Class A or Class B firefighting agents. One truck is a structure truck that does not carry foam. The TFFTs are equipped with nozzles capable of expelling AFFF. The trucks are filled with 3% AFFF in a concrete driveway area on the west side of the building. AFFF is stored in the southwestern portion of Building 34, adjacent to the driveway area where the trucks are filled. During the PA site visit, the AFFF storage area was observed to contain various brands of AFFF in approximately 48 55-gallon plastic drums and 38 5-gallon plastic containers. About half of the 55-gallon drums observed were National Foam; Aer-O-Water 3%, made by 3EM. The other half was Ansulite 3% manufactured by Ansul. The 5-gallon plastic containers all contained AFFF manufactured by Chemguard 3%. The package dates printed on the side of the drums were between January 2002 and April 2004 and all of the containers were situated atop secondary containment devices. The FD staff interviewed reported that AFFF is ordered through a vendor by the JFTB LA Department of Logistics. Material Safety Data and product information sheets for the types and brands of AFFF used and stored by the FD are presented in **Appendix A**.

Based on interviews conducted with FD staff during the PA site visit, 3% AFFF is occasionally spilled and leaks have and do occur in the driveway area where the TFFTs are filled; these were reported to be occasional and on the order of a few drops to a few gallons.

5.2.3 Previous Investigations

Numerous soil and groundwater investigations have been conducted at and in the vicinity of Building 34, mostly related to UST petroleum releases. A DPVE system to treat diesel fuel and gasoline was in operation at the building from September 2006 through March 2007. Groundwater

extracted by the system was placed temporarily into a Baker Tank. Water from the tank was then routinely transported to the JP-4 TFA containment system by a vac truck, where it was treated and discharged to the WDD. Following the shutdown of the Building 34 DPVE system, a total of 5,650 lbs of ORC was injected into the subsurface to enhance aerobic bioremediation efforts. Additionally, in 1997 a DPVE system was installed at Building 35 to treat chlorinated solvents. The system was upgraded in 2012 to include three additional extraction wells. The system is approximately 200 ft west and downgradient of Building 34.

The operation of these two DPVE systems is of interest in that groundwater extracted by the systems potentially influenced the migration of PFAS, if present, in groundwater. Groundwater extracted was treated and effluent subsequently directed to the WDD.

5.2.4 Surface Water and Groundwater

Incidental spills and releases of 3% AFFF to concrete surfaces where the TFFT's are filled are washed with a water hose to a catch basin situated in the driveway area (**Figure 5-1**). The catch basin conveys water through the JFTB LA stormwater drainage network to an outfall structure at the WDD. Locally, surface water in the area of the fire station flows to the southeast and groundwater flow beneath Building 34 is to the southwest. Cracks in the concrete observed during the PA VSI around the catch basin may be conduits for PFAS migration into the subsurface (see photographs in **Appendix C**).

5.3 AFFF Release in vicinity of Building 80

According to JFTB LA FD staff, 3% AFFF was on one occasion used for insect abatement purposes. Approximately 70 to 80 gallons of 3% AFFF was expelled from a TFFT into an abandoned structure that had become infested with bees and wasps. The nozzle of the TFFT was pushed through the door of the structure and the entire structure was filled with foam. The structure was subsequently demolished and removed at an unknown time. The structure, which was approximately 10 feet by 10 feet in dimension, was located approximately 50 ft to the south of existing Building 80 (**Figure 5-1**). No further details were recalled by individuals interviewed regarding the release and the area was not observed during the PA site visit.

5.3.1 Surface Water and Groundwater

The area surrounding Building 80 is paved with concrete. Surface water likely flows to the west/southwest to paved concrete areas of the tarmac. Groundwater beneath the AOI flows to the southwest. The GCA hardstand building and inactive ARMD-LARA well is situated southeast and cross-gradient of the AOI, at a distance of approximately 1,900 ft.

5.4 Emergency Response

According to JFTB LA FD staff, 3% AFFF was on one occasion used when a Lockheed Martin C-130 Hercules tanker version aircraft sustained a wheel-brake fire during landing. The aircraft taxied to the approximate mid-point of the Alpha Hammer-Head taxiway where the fire was reported to have been extinguished using 3% AFFF. The taxiway is the northern-most airfield runway situated in the northeastern corner of the JFTB LA (**Figure 5-1**). It was estimated by the FD individual interviewed that approximately 70 to 100 gallons of 3% AFFF was used. No further information was available about the fire and no other emergency response incidents were recalled during the staff's tenure at JFTB LA. The area in which AFFF was released was not observed during the PA site visit.

5.4.1 Surface Water and Groundwater

Surface water in the vicinity of the taxiway likely flows towards the southwest, in a direction consistent with the declining surface topography in this direction. The USFWS, National Wetlands Inventory, identifies a small freshwater emergent wetland area located approximately 800 feet to the northeast of the AOI. It is unlikely that surface water in the vicinity of the AFFF release area reaches the wetland area.

Groundwater beneath the runway flows to the southwest. The GCA and inactive potable ARMD-LARA well is situated southwest and downgradient of the AOI, at a distance of approximately 3,700 ft.

5.5 Western Drainage Ditch

The mostly unlined and open WDD parallels most of the JFTB LAs western property boundary. The ditch is situated onsite to a point approximately 200 feet north of the facilities southwestern property corner, near Gate 12 where it leaves the facility in a direction to the southwest, crosses under the I-405 Freeway and discharges into the Los Alamitos Retarding Basin, the San Gabriel River, and eventually the Pacific Ocean. The trapezoidal-shaped ditch is approximately 18 feet wide south of where it passes beneath the intersection of Saratoga and Orangewood Avenues (see **Appendix C** for photograph). The ditch becomes approximately 40 feet wide at its southern terminus, where an approximate 275 feet long portion of the ditch is concrete lined in the area where it turns and leaves the facility.

Surface water entering storm drains at the flight line, main roadways and other areas within the operational cantonment areas of the JFTB LA flows to an outfall structure located in the WDD, south of the JP-4 containment system. Surface water entering all other catch basins at the facility, with exception to water entering catch basins associated with the various washrack facilities, drain to the WDD. In addition, a majority of surface water runoff from the cantonment areas of the facility and from areas generally in the western third of the facility, likely flows to and is captured by the WDD. Significant volumes of groundwater extracted historically by various remediation systems were passed through granular activated carbon vessels subsequent to which the effluent was ultimately discharged to the WDD in accordance with a National Pollution Discharge Elimination System (NPDES) permit. The facility currently does not hold this permit.

The WDD is considered an AOI as surface water and sediment potentially impacted from various AFFF release sites including the New CFR training Pit, WEF FTA and AFFF equipment nozzle testing area; and, the Old CFR Training Pits may have migrated to the WDD. Further, water in the WDD may be marginally influent to the shallow groundwater zone during the rainy season, based on the channels elevation with respect to groundwater gauging data obtained historically from wells in the vicinity (Clayton, 1993).

5.6 Hangar 3

5.6.1 Description and Operational History

The JFTB LA Hangar 3 is located to the south of Constitution Avenue, north of the JFTB LA runways, east of the U.S. Department of Agriculture's Medfly use area and west of an outdoor area used for storage space (**Figure 5-1**). The geographic coordinates and surface elevation at the approximate center of the hangar structure are 33°47'36.92" N, 118°03'36.47" W and 22 ft amsl, respectively. Hangar 3 is accessible only to JFTB LA personnel.

On March 31, 2017, an intentional full-foam test of the Hangar 3 AFFF suppression system was conducted to confirm activation and capacity. During the event approximately 1,400 gallons of water mixed with 3% AFFF was released into the hangar. All of the AFFF released was fully contained within the hangar. After the release, the foam was collected (using a vacuum-truck) and transported by Stericycle Specialty Waste Solutions, Inc., an outside contractor, and disposed of offsite at K-Pure Waterworks, a facility located in Rancho Cucamonga, California, that incinerates waste. A copy of the non-hazardous waste manifest associated with the release is presented in **Appendix A**.

The interior of the hangar was not observed during the PA site visit. The floor of Hangar 3 was reported to be similar in construction to that of Hangar 1, which was observed to be constructed as a concrete slab-on-grade and was painted and sealed with an epoxy-type coating. No drainages, other openings or cracks are reported to exist in the Hangar 3 slab. As the foam was contained after the release and there are no openings in the buildings concrete slab where AFFF may have had a pathway to the subsurface, Hangar 3 is not considered an AOI.

5.6.2 Current Use, Topography and Surface Features

The JFTB LA Hangar 3 is being used by the U.S. Army Reserve Headquarters and Headquarters Company (HHC) The area surrounding Hangar 3 includes a temporary military equipment parking and temporary storage area, a washrack, and hazardous materials/waste storage area.

The fire suppression system in Hangar 3 at the time of the PA site visit was reported to be inoperable. In 2017, a system testing event using water (not foam) was planned but there was an insufficient supply of water to the building and the testing was not performed.

5.6.3 Surface Water and Groundwater

The hangar was observed only briefly from the outside during the PA site visit as accessibility was restricted. The area surrounding the hangar is paved with concrete. Surface water likely flows to the west/southwest to paved concrete areas in the hangars vicinity and tarmac. Groundwater beneath the AOI flows in the southwest direction.

5.7 Former Landfill Trench Area

5.7.1 Description and Operational History

The former landfill trench area was located in the southwest portion of the JFTB LA, adjacent to the JFTB LA's western property boundary. The landfill was bounded by the JFTB LA flightline to the east (beneath the flightpath), the WDD and residential homes of the Rossmoor Highlands community to the west, and a former sludge lagoon and the JFTB LA property boundary to the south. The sludge lagoon was used from 1952 through to the 1960s, predating the use of AFFF and as such is not considered an AOI.

The landfill was generally rectangular in shape and approximately 25 acres in size. The geographic coordinates of the approximate center of the landfill trench area are 40°26'09.5" N, 76°34'27.5" W. Access to the area is restricted to JFTB LA staff.

The landfill trench area was used from approximately the 1950s until 1988, initially by the US Navy followed by JFTB LA. During operation, an estimated 203,000 cubic yards of a variety of municipal solid waste materials was placed into the landfill trench area; the waste was from both onsite and offsite sources (Clayton, 2006a). Landfilling methods included lineal trenching by

means of cut and cover, with trenches reported to be up to 16 ft deep. In 2008, landfill trench area waste was excavated and transferred to the JFTB LA WCC. Located south of the former JP-4 TFA and New CFR Training Pit FTA, the WCC consists of a tiered, encapsulating/lined system in which excavated materials removed from the former landfill were placed.

The two regulatory agencies that have authority and responsibility over the former landfill trench area and WCC include the Regional Water Quality Control Board and CalRecycles. While RWQCB issued a no further action letter, CalRecycles considers the landfill trench area to still be open because their requirements for post-closure confirmation sampling were never met.

5.7.2 Current Use, Topography and Surface Features

The area of the former landfill trench area was observed to be flat and comprised of open, tilled fields. The area is currently being used by Agromin OC for a soil amendment and nutrient program.

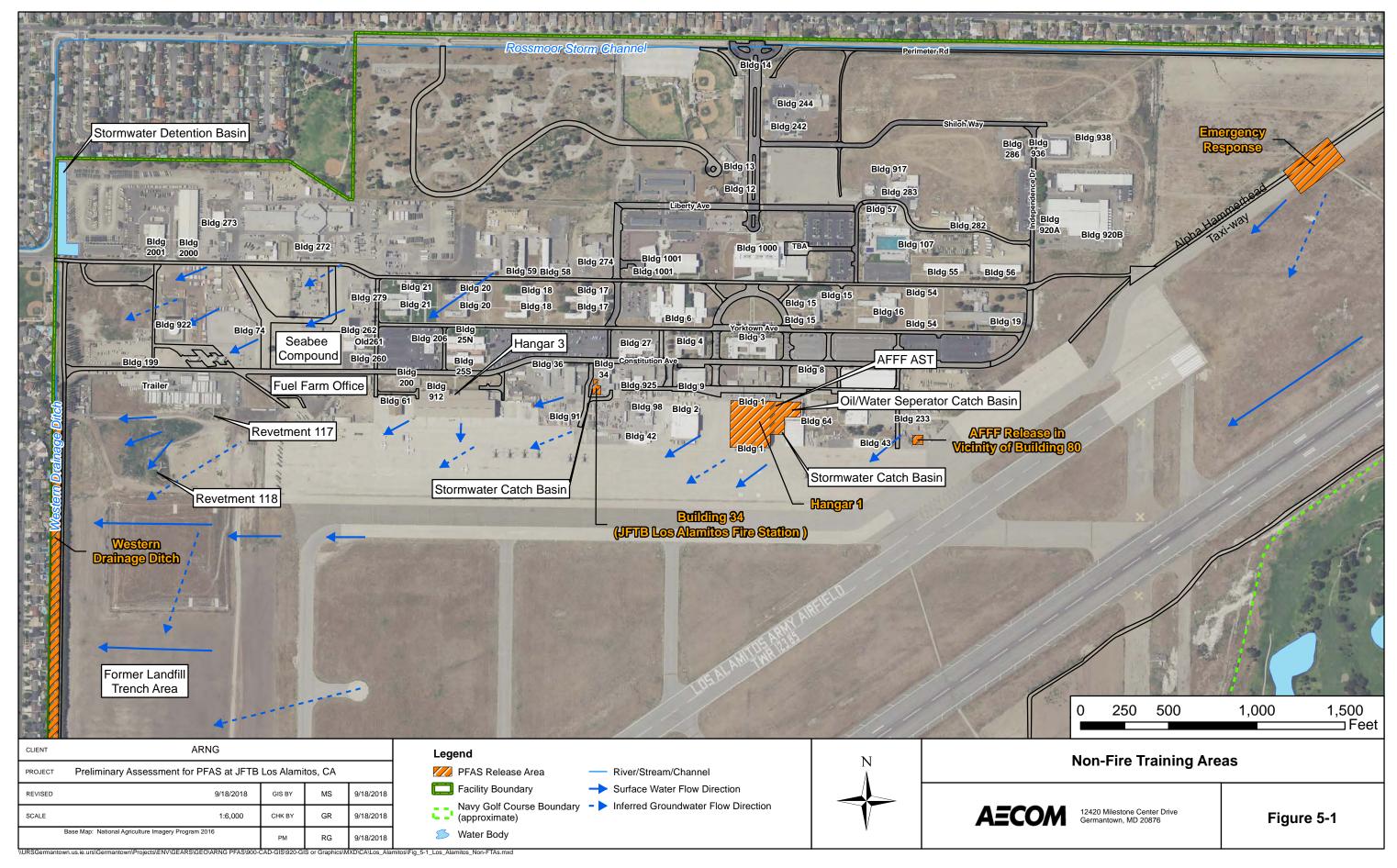
5.7.3 Previous Investigations and Remediation

Numerous investigations, although not for PFAS, have been conducted in the area of the former landfill trench area to characterize soil and groundwater quality and assess aquifer conditions.

Between 1999 and 2006, a DPVE remediation system operated south of the WCC within the former boundaries of the landfill trench area. The operation of the system is of interest in that it potentially influenced the migration of PFAS, if present, in groundwater. The system was installed to remediate fuel and solvents that reportedly leaked to groundwater from the landfill trench area.

5.7.4 Surface Water and Groundwater

Treated water extracted by the DPVE system was discharged to the WDD (Clayton, 2006b). The ditch is directly adjacent to the former landfill's western boundary, immediately west and hydraulically downgradient of a residential community. Groundwater beneath the AOI reportedly flows generally to the southeast; however, during periods of recharge the flow shifts to a more easterly direction and during extended dry periods shifts in a southerly direction (Brunsing Associates Inc., 1999).



6. Adjacent Off-Site Sources

The EPA collects occurrence data for potential contaminants that may be present in drinking water, but do not have enforceable drinking water standards under its Unregulated Contaminant Monitoring program. EPA recently implemented its third Unregulated Contaminant Monitoring Rule (UCMR3), which included testing for PFOA and PFOS. From 2013 through 2015, OCWD performed UCMR3 testing for Orange County groundwater retail agencies (producers). OCWD collected and analyzed samples for PFOA and PFOS from 135 locations within its service area. **Appendix A** includes the UCMR3 2013 to 2015 PFOA/PFOS data set.

According to the UCMR3 data collected between 2013 and 2015, seven water agencies in OCWD's service area had detections of PFOA or PFOS or both compounds. These included Golden State Water Company (Norwalk), Park Water Company (Bellflower/Norwalk), City of Garden Grove, City of Orange, City of Fullerton, City of Anaheim and City of Downey Water Department. Each of these water purveyors and areas in which they operate deep drinking water wells are situated hydraulically cross or upgradient of JFTB LA, within a 10-mile radius.

In February 2017, groundwater from the ARMD-LA5 well was analyzed for PFAS. Based on the results of the UCMR3 data with respect to PFAS contamination in producers drinking water wells, it is possible that Well ARMD-LA5 may be impacted by PFAS that migrated in groundwater from an upgradient source. The well is located in the northern portion of the former JFTB LA Navy Housing area, about 75 ft south of the JFTB LAs northern property boundary. The well is approximately 2,000 feet hydraulically upgradient and to the northeast of the closest reported AAAF release area, the Old CFR Training Pits. The well was installed in 1963, is 672 ft deep and is not currently used as a potable water source. Well ARMD-LA5 had PFOA and PFOS in groundwater at concentrations of 28.0 and 48.7 ng/L, respectively. The results of the PFOA and PFOS analyses conducted at JFTB LA are tabulated and included in **Appendix A**.

According to the EDR report and Department of Toxic Substances Control (DTSC) EnviroStor database (California Environmental Protection Agency, DTSC), there is one property within 1 mile hydraulically up- and cross-gradient of the site, where based on the broad spectrum of materials reported to have been used at the site may be a potential source of PFAS released to the environment.

The site is:

Arrowhead Products/Federal Mogul

This property is located approximately 1,400 ft to the north and hydraulically upgradient of the JFTB LAs northern property boundary at 4411 Katella Avenue, Los Alamitos, CA. According to the DTSC EnviroStor database, the facility manufactures metal products such as flexible and ridged ducting, flex joints and exhaust ducts and non-metal products such as insulation to support metals product and end item composites made from plastic, rubber, fiberglass, resins, and Kevlar. Various reported wastes reported to have been released to the environment, may contain PFAS. The site status is currently listed as active for corrective action, by the DTSC.

7. Conceptual Site Model

The following sections describe the CSM components for the AOIs identified. Releases of PFAS at the JFTB LA have the potential to impact soil, groundwater and surface water and sediments. The eight AOIs are shown on **Figure 7-1**. The CSM for JFTB LA is presented in **Figure 7-2**.

The CSM identifies the three components necessary for a potentially complete exposure pathway: (1) source, (2) pathway, and (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 of particulates, as PFAS is not volatile. 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).

Potential PFAS receptors at the JFTB LA include facility staff, site construction workers, and visitors using the publicly accessible areas of the facility. Off-facility potential PFAS receptors include residents and public recreation area users. The CSMs for each AOI indicate which specific receptors could potentially be exposed to PFAS.

7.1 Source Areas

Each of the below AOIs had documented releases of AFFF to the environment and are therefore considered potential PFAS source areas:

- Old Crash Fire Rescue Training Pits AOI
- New Crash Fire Rescue Training Pit AOI
- WEF FTA and AFFF Equipment Testing Area AOI
- Hangar 1 and Washrack AOI
- Building 34 (Fire Station) AOI
- AFFF Release in vicinity of Building 80 AOI
- Emergency Response AOI
- Western Drainage Ditch

Two areas which are not considered AOIs include:

- Hangar 3
- Former Landfill Trench Area

The Hangar 3 AOI can be eliminated as a PFAS source area due to what can be considered an incomplete Source-Pathway-Receptor linkage. According to interviews and reports, AFFF was released to sealed concrete surfaces and subsequently contained and disposed of at a facility appropriately commissioned to handle the waste. As such, this AOI is excluded from further discussion. The former landfill trench area can also be eliminated as a PFAS source area. During the excavation of the landfill, no industrial or hazardous waste materials were identified and all material removed was determined to be household type wastes only.

According to documents and databases reviewed for this PA, there are several up and cross-gradient drinking water wells operated by various purveyors with PFAS in groundwater. Additionally, one property within 1 mile that is hydraulically upgradient of JFTB LA was reported

to use a broad spectrum of materials that may have PFAS. As such, PFAS in groundwater from offsite sources may have migrated to and beneath JFTB LA.

7.2 Pathways and Receptors

The following presents an evaluation of pathways and potential receptors respective of each possible PFAS source area identified during the PA.

7.2.1 Soil and Sediment

Soil testing for PFAS has not been conducted at the JFTB LA, however, based on data obtained during the PA, the below areas may have PFAS in soil:

- Old Crash Fire Rescue Training Pits AOI
- New Crash Fire Rescue Training Pit AOI
- WEF FTA and AFFF Equipment Nozzle Testing Area AOI
- AFFF Release in vicinity of Building 80 AOI
- Emergency Response AOI

AFFF releases to soil occurred at the above locations. Further, deep groundwater at JFTB LA is currently used for dust and fire control purposes, which could adversely impact soil quality at the surface if the water contains PFAS. Some of these locations are partially vegetated precluding fugitive dust emissions; however, ground-disturbing activities could result in site and construction worker exposure to potential PFAS contamination via inhalation of dust or ingestion of soil.

Not enough information is available to understand the disposition of potential PFAS in soil at the following AOIs; these AOIs are where AFFF was released to mostly concrete surfaces:

- Hangar 1 AOI
- Building 34 (Fire Station) AOI

Cracks in the concrete observed during the PA VSI around catch basins located in driveway areas in the vicinity of Hangar 1 and Building 34 may be conduits for PFAS migration to soil.

Based on information obtained during the PA, PFAS could potentially be present in sediment conveyed in surface water laden with sediment and through and including the JFTB LA stormwater drainage network to the WDD. Therefore, potentially complete exposure pathways for sediment via ground-disturbing activities could result in site and construction worker exposure to potential PFAS contamination via inhalation of dust particulates or ingestion of soil.

7.2.2 Surface Water

In their anionic forms, PFAS are water soluble and can migrate readily from soil to groundwater or surface water via leaching and run-off. Surface water from precipitation will partly evaporate and infiltrate in areas with permeable surface soils. Precipitation on paved surfaces will generally flow overland or be collected by the facility's storm and sewer drain infrastructure, where it exists, and ultimately discharged to the WDD situated along most of the JFTB LA western property boundary.

Testing of surface water for PFAS has not been conducted at the JFTB LA. Based on data obtained for this PA, PFAS could be present in:

 The open and mostly unlined WDD, where surface water flows southerly and leaves the JFTB LA approximately 200 feet north of the JFTB LA's southwest property corner, near Gate 12

Various remediation systems operated at the JFTB LA during the timeframe AFFF was used. The significant volume of groundwater extracted from these systems, after treatment, was conveyed mostly to the WDD. As such, and from a historical perspective, these waters can be considered as having added additional surface water (and sediment loads) to the JFTB LA stormwater drainage system network and off-facility surface water bodies.

Potentially complete exposure pathways for surface water via ingestion exist for site and construction workers in the portion of the WDD that flows onsite and for nearby residents and recreational users of the offsite portion of the WDD along the length of its flow-path.

7.2.3 Groundwater

The primary exposure pathway for PFAS from groundwater would be through ingestion of drinking water. PFAS compounds are mobile in soil and leach into groundwater where they are highly soluble.

In February 2017, groundwater from three inactive potable JFTB LA wells was analyzed for PFAS. The results of the analyses indicated that three onsite potentially potable but inactive wells (ARMD-LA3, ARMD-LA5, ARMD-LARA) and one irrigation well (ITO LA) had PFAS detections in groundwater.

Potable water at the JFTB LA is supplied to the facility by the Southern California Water Company. The distribution system includes a main line that enters the JFTB LA from Winner's Circle Court. Provided the wells are not used as a drinking water source, the Source-Pathway-Receptor linkages for ingestion are considered incomplete.

Based on information obtained for this PA, no other wells at the JFTB LA have been tested for PFAS; therefore it is unknown whether PFAS is present in groundwater in other areas at the JFTB LA.

Based on data obtained during the PA, the below AOIs had AFFF releases and may have PFAS in groundwater due, in part, to permeable (soil) groundcover conditions:

- Old Crash Fire Rescue Training Pits AOI
- New Crash Fire Rescue Training Pit AOI
- WEF FTA and AFFF Equipment Nozzle Testing Area AOI
- Emergency Response AOI

Not enough information is available to understand the disposition of potential PFAS in groundwater at the following AOIs; these AOIs are where AFFF was released to areas with mostly concrete surfaces:

- Hangar 1 and Washrack AOI
- Building 34 (Fire Station) AOI

Cracks in the concrete observed during the PA VSI around catch basins located in driveway areas in the vicinity of Hangar 1 and Building 34 may be conduits for PFAS migration to groundwater.

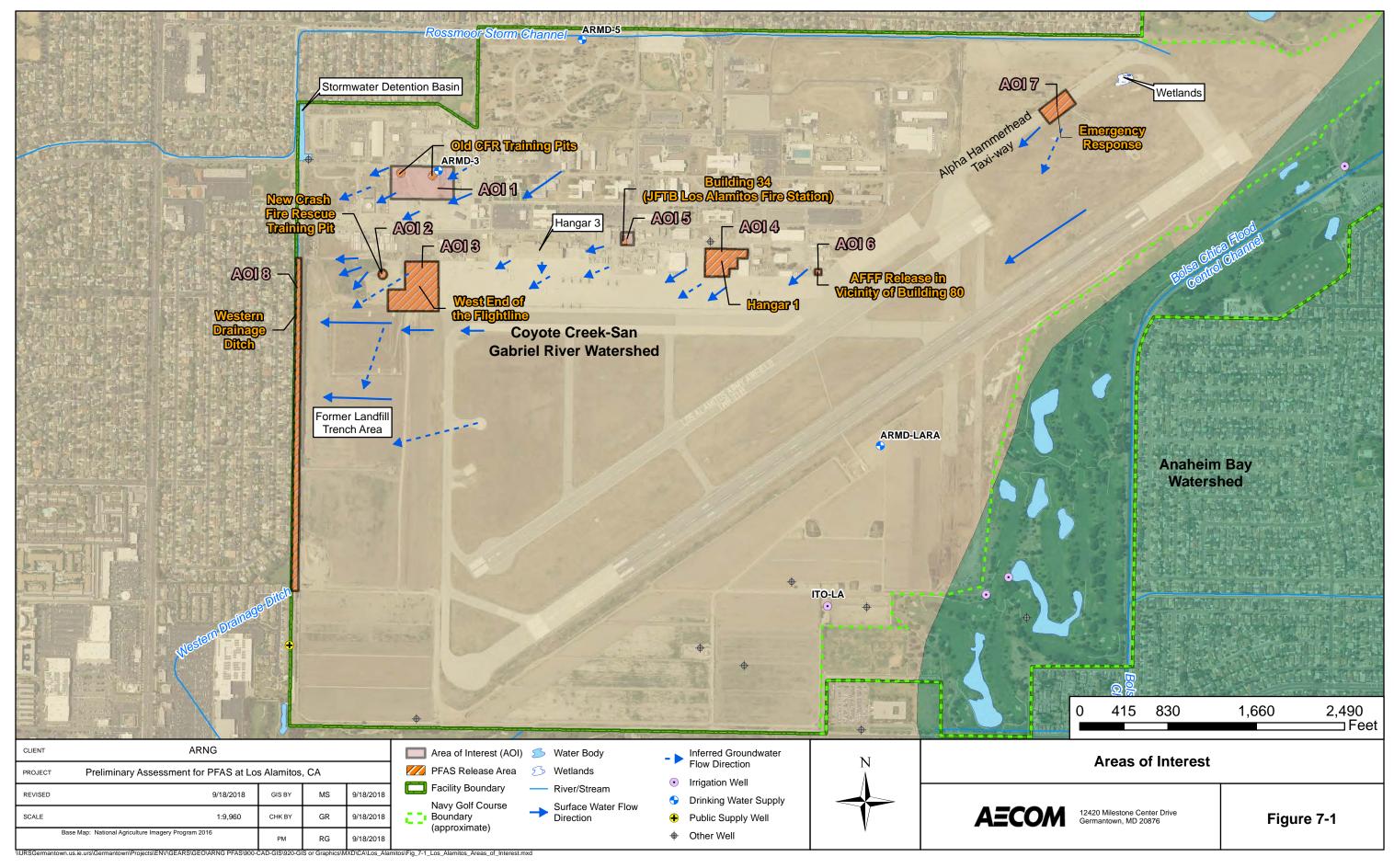
Provided wells in any of the above AOIs are not used as a drinking water source, the Source-Pathway-Receptor linkages for ingestion is considered incomplete.

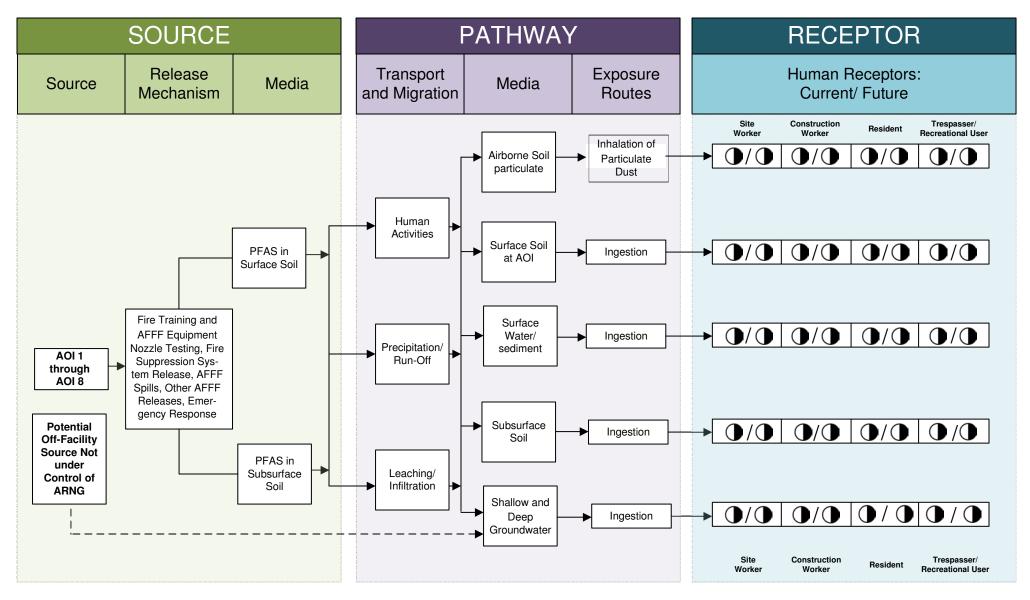
Precipitation entering the shallow groundwater aquifer system may discharge to adjacent surface water bodies and some fraction of infiltrating precipitation may enter a deeper groundwater aquifer system within the OCB. Precipitation which infiltrates and reaches shallow, intermediate and/or deeper groundwater aquifer regimes may bypass streams and be intercepted by wells operated by water purveyors. Therefore, a potentially complete pathway for groundwater via ingestion exists for resident's downgradient of the JFTB LA.

The below practices with respect to groundwater use at the JFTB LA should be noted:

- Use of JP-4 system groundwater effluent for dust suppression purposes may present pathways for dermal exposure and incidental ingestion to site workers
- Groundwater extracted from irrigation well ITO LA that is used for dust suppression purposes may present pathways for dermal exposure and incidental ingestion to site workers
- The sampling of numerous water wells for monitoring purposes may present pathways for dermal exposure and incidental ingestion to site workers

It should also be noted that that various remediation systems operated and extracted groundwater at the JFTB LA during the timeframe AFFF was used, one of which is currently in use. These systems may have depressed groundwater in areas thereby mobilizing potential PFAS in groundwater to areas in a direction contrary to the general groundwater flow. Additionally, chemicals injected into the subsurface may have expedited the transformation of PFAS precursors into PFOS and PFOA, which have different fate and transport characteristics.





LEGEND

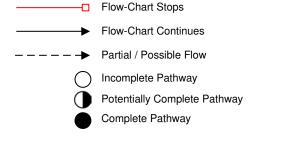


Figure 7-2 Conceptual Site Model Joint Forces Training Base Los Alamitos 43

8. 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 JFTB LA. The PA findings are based on the information presented in **Appendix A** and **Appendix B**.

Eight AOIs related to PFAS releases were identified at JFTB LA during the PA. The AOIs are shown on **Figure 8-1** and described in the table below.

Area of Interest	Name	Used by			
AOI 1	Two Old Crash Fire Rescue Training Pits	Navy and CA ARNG			
AOI 2	New Crash Fire Rescue Training Pit	CA ARNG			
AOI 3	West End of the Flightline Fire Training Area and AFFF Equipment Nozzle Testing Area	CA ARNG, United States Department of Agriculture (USDA) and California Department of Food and Agriculture (CDFA) for Medfly			
AOI 4	Hangar 1	CA ARNG - Army Aviation Support Facility			
AOI 5	Building 34 (JFTB Los Alamitos Fire Station)	CA ARNG			
AOI 6	AFFF Release in vicinity of Building 80 by JFTB Los Alamitos Fire Department	CA ARNG			
AOI 7	Emergency Response by JFTB Los Alamitos Fire Department	Navy and CA ARNG			
AOI 8	Western Drainage Ditch	Navy and CA ARNG			

Three Crash Fire Rescue (CFR) Training Pits fire training areas (FTAs) where AFFF was released to the environment were identified based on data obtained during the PA. These AOIs include:

- Two Old CFR Training Pits FTAs located close together and considered to be a single AOI
- New CFR Training Pit FTA AOI
- West End of the Flightline (WEF) FTA and AFFF Equipment Nozzle Testing AOI

Five non-FTAs where AFFF was released to the environment were identified based on data obtained during the PA. These AOIs include:

- Hangar 1, including Washrack AOI
- Building 34 (JFTB Los Alamitos Fire Station) AOI
- AFFF release in vicinity of Building 80 by JFTB Los Alamitos Fire Department AOI

- Emergency Response by the JFTB Los Alamitos Fire Department where AFFF was reported to have been released to the environment
- Western Drainage Ditch (WDD) AOI

Two other non-FTA areas which are not considered AOIs include:

- Hangar 3
- Former Landfill Trench Area

No information is available concerning PFAS containing materials being disposed of in the landfill. The landfill was excavated and its contents, comprised of household wastes, were subsequently placed in a lined waste consolidation cell. Additionally, a full-foam test occurred in a facility hangar, Hangar 3, during which AFFF was released into the hangar as part of the buildings fire suppression system testing procedure. The foam was fully contained and disposed of in accordance with the facilities non-hazardous waste disposal procedures.

According to UCMR3 data collected between 2013 and 2015, seven water agencies in OCWD's service area had detections of PFOA or PFOS or both compounds. Areas in which they operate are situated hydraulically cross or upgradient of JFTB LA. There is one property within 1 mile and hydraulically up- or cross-gradient of the JFTB LA where further study may be warranted to determine if there is potential for this site to have released PFAS to the environment. As such, offsite sources of PFAS in groundwater may have migrated to and beneath JFTB LA.

Groundwater remediation treatment systems operated at the facility and in-situ chemical and ozone remediation by means of injection at various areas may have expedited the transformation of PFAS pre-cursors into PFOS and PFOA, which have different fate and transport characteristics.

Based on documented AFFF releases at these AOIs, there is potential for exposure to PFAS contamination in soil, groundwater, surface water, and sediment for site and construction workers, residents using downgradient water supply wells, and recreational users. In addition, residents using groundwater for drinking water surrounding the facility to the northwest to south-southwest may potentially be exposed to migrating PFAS contamination via the groundwater pathway.

8.1 Uncertainties

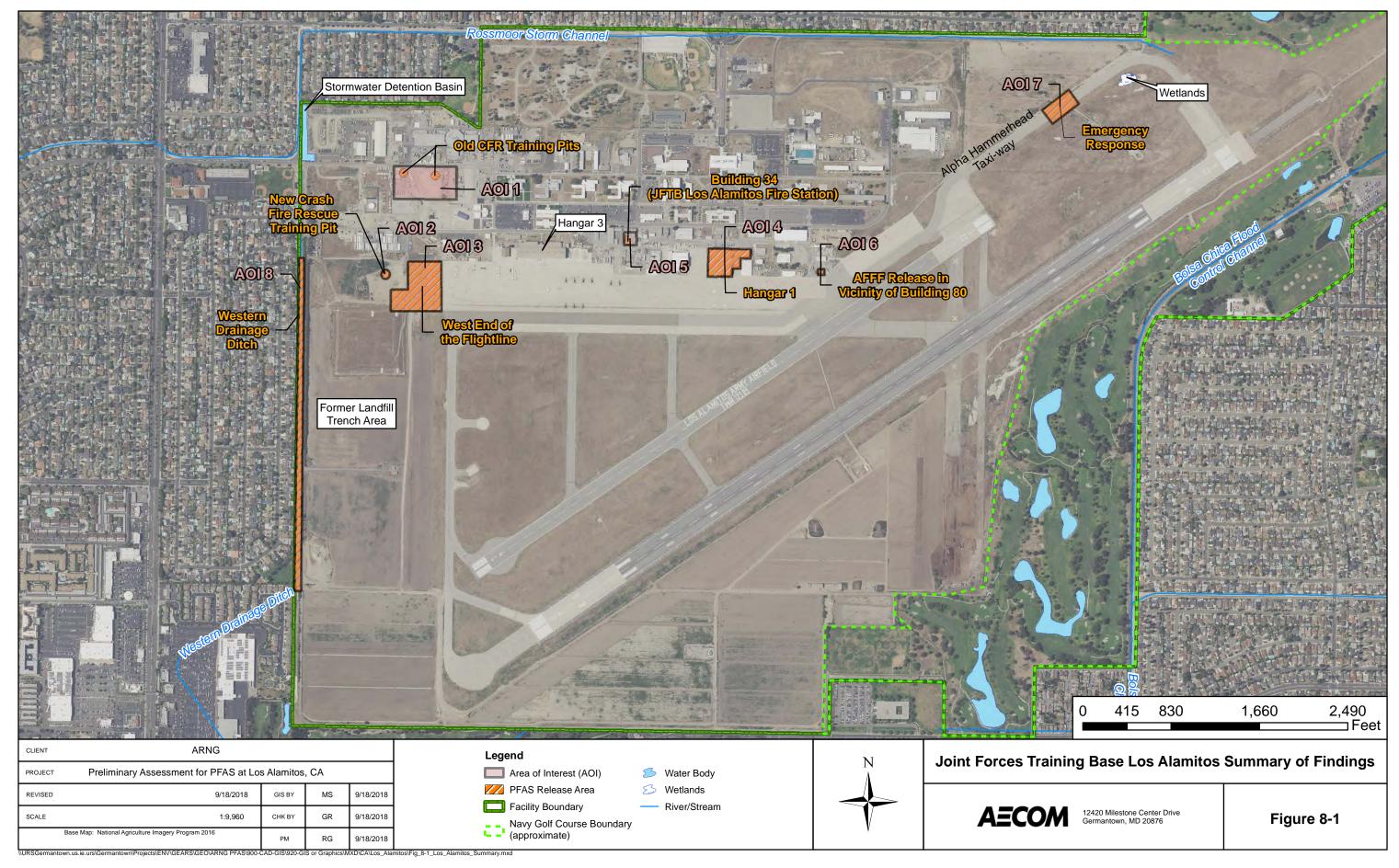
A number of information sources were investigated during this PA to determine the potential for PFAS-containing materials to have been present, used, or released at the facility. Historically, documentation of PFAS use was not required because PFAS were considered benign. Therefore, records were not 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, current personnel were interviewed, and the majority of potential source areas were visually inspected, as practicable.

The following table summarizes the uncertainties associated with the PA:

Area of Source of Interest Uncertainty	
All AOIs (as applicable)	Facility stormwater drainage system plans (asbuilts) were not available for review for this PA and as such, further studies will be required to determine the potential for PFAS in the system.
AOI 1 Two Old CFR Training Pits FTAs	The older of the two pits was initially used by the Navy and then by the JFTB LA until approximately 1983. The year in which the Navy constructed and initially began to use this pit is unknown. A second pit was constructed approximately 200 ft to the west of the older pit. The pit was in use from 1977 to 1979. The exact location of this pit is not known. The amount and percentage of AFFF used at both pits is not known.
AOI 2 New CFR Training Pit FTA	The percent concentrate of AFFF used during training sessions is not known.
AOI 3 West End of the Flightline FTA and AFFF Equipment Nozzle Testing Area	It is not known when the practice of nozzle tests began in this area or if any other nozzle equipment testing locations were used at JFTB LA.
AOI 4 Hangar 1, including Washrack	A non-hazardous waste report indicated that liquids and used absorbent materials generated subsequent to the Hangar 1 AFFF release were placed into 50-gallon drums, which were taken to the facility's hazardous materials storage area. The final disposition of the drums is not known.
AOI 5 Building 34 (JFTB Los Alamitos Fire Station)	The amount of 3% AFFF leaked or incidentally spilled is not known.
AOI 7 Emergency Response by JFTB Los Alamitos Fire Department	The precise location of where the firefighting activity occurred is not known.
AOI 8 Western Drainage Ditch	Details regarding the JFTB LA stormwater drainage system is not known and further inquiry and study is required



9. References

Brunsing Associates, Inc. 1999. Engineering Evaluation/Cost Analysis Revised Workplan, Preliminary Draft, North/South Landfill Assessment and Remediation Project.

California Department of Water Resources (DWR). 2014. Coastal Plain of Orange County Groundwater Basin, Bulletin No. 118.

California Environmental Protection Agency, Department of Toxic Substances Control. Envirostor Website. http://www.envirostor.dtsc.ca.gov. Accessed June 20, 2018.

California Military Department. 2016. *Joint Forces Training Base – Los Alamitos*.

Clayton. 1993. Preliminary Assessment at the Armed Forces Reserve Center Losa Alamitos, California for the Office of the State Architect, Sacramento, California.

Clayton Environmental Consultants. 1996a. Site Inspection at the Armed Forces Reserve Center Los Alamitos, California for the Office of the State Architect, Sacramento, California.

Clayton Group Services, Inc. (Clayton). 1996b. Draft Remedial Investigation Work Plan at the Armed Forces Reserve Center Los Alamitos, California.

Clayton. 2006a. Army Defense Environmental Restoration Program Installation Action Plan.

Clayton. 2006b. Water Discharge Monitoring Report WDR Order No. R8-2002-0079 National Pollutant Discharge Elimination System No. CA 8000398.

Clayton. 2007. Remedial Investigation/Feasibility Study, Volume III Feasibility Study.

Eco & Associates, Inc. 2016. Draft Spring Groundwater Monitoring Report – 2016.

Eco & Associates, Inc. 2017. Final Spring 2017 Groundwater Monitoring Report – 2017.

Los Alamitos Area Chamber of Commerce (LAACOC). n.d. *The Joint Forces Training Base*. https://losalchamber.org/joint-forces-training-base/. (Accessed February 2018).

Marshall, N.S. and Denger, M.J. 2016. *Historic California Posts, Camps, Stations and Airfields: Joint Forces Training Base – Los Alamitos.*

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

PlaceWorks. 2015. City of Los Alamitos General Plan.

Orange County Water District (OCWD). 2015a. *Orange County Water District Well Locations*. https://www.ocwd.com/what-we-do/groundwater-management/groundwater-location-maps/. (Accessed April 2018).

OCWD. 2015b. Groundwater Management Plan 2015 Update.

Saucedo, G.J., Greene, H.G., Kennedy, M.P., and Bezore, S.P. 2016. *Geologic Map of the Long Beach 30'X60' Quadrangle, California: Department of Conservation, California Geological Society, scale 1:100,000.*

Southern California Earthquake Data Center (SCEDC). 2013. Caltech Dataset. doi: 10.7909/C3WD3xH1.

United States Army Corp of Engineers (USACE). 2002. Coyote and Carbon Creeks Watershed, Los Angeles and Orange Counties, California, Feasibility Study.

USACE. 2014. Orange County Public Works Routine Channel and Bridge Maintenance Program. Application for Permit, Orange County Public Works. Map – Project Site – Quad 3; Exhibit 6 by RBF Consulting.

USACE. 2016. Final Second Periodic Review Report Joint Forces Training Base Los Alamitos, California.

United States Environmental Protection Agency (USEPA). 1991. *Guidance for Performing Preliminary Assessments under CERCLA*. EPA/540/G-91/013. September 1991.

United States Fish and Wildlife Service (USFWS). 2018. *National Wetlands Inventory*. https://www.fws.gov/wetlands/data/Mapper.html . (Accessed February 2018).

Vernadero Group. 2011. Environmental Assessment Stationing A U.S. Army Reserve Black Hawk Helicopter Company at Joint Forces Training Base Los Alamitos, California.

Appendix A Data Resources

Data Resources provided separately on CD. **Appendix A - Data Resources** for Joint Forces Training Base Los Alamitos includes:

Appendix A.1 - JFTB LA Licenses and Permits

- 1979 Department of the Army License for National Guard Purposes License No. DACA09-3-78-47
- 1981 Distribution of Permit No. DACA-4-81-87 Armed Forces Reserve Center, Los Alamitos. Department of the Navy, Los Alamitos Naval Golf Course to use property on Armed Forces Reserve Center Los Alamitos, Orange County, California - Permit to other Federal Government Department or Agency to use Property. Permit No. DACA09-4-81-87.

Appendix A.2 - JFTB LA Stored AFFF Documentation

- 1969 Military Specification MIL-F-24385, Fire Extinguishing Agent
- 2006 Material Safety Data Sheet Chemguard Inc. 3% AR-AFFF C33LT
- 2007 Material Safety Data Sheet Ansul Ansulite Premium 3% (AFC-5A) AFFF Concentrate
- 2010 Material Safety Data Sheet Ansul Ansulite 3% AFFF (AFC-3-A)
- 2010 Material Safety Data Sheet Chemguard Inc. C-303
- 2016 Material Safety Data Sheet National Foam Aer-O-Water^{®C6} 3EM 3% AFFF Concentrate

Appendix A.3 - JFTB LA AFFF Release Documentation

- 2012 Hazardous Materials/Waste Incident Report
- 2017 Non-Hazardous Waste Manifest, disposed by SteriCycle Specialty Waste Solutions, Inc. – Waste Tracking Number 032879

Appendix A.4 - JFTB LA EDR Report

2018 Joint Forces Training Base Los Alamitos EDR Reports 5177516 and 5177572

Appendix A.5 - JFTB LA Installation Maps

- Armed Forces Reserve Center Los Alamitos, Calif. General Development Map
- Joint Forces Training Base Los Alamitos Cantonment Area Map

Appendix A.6 - JFTB LA and UCMR3 Tabulated Chemistry Results

- JFTB LA PFOA-PFOS Chemistry Results for ARMD-LA3, ARMD-LA5, ARMD- LARA and ITO-LA
- UCMR3 PFAS Chemistry Results for Water Supply Wells within 10-miles of JFTB LA

Appendix A.1 JFTB LA Licenses and Permits

DEPARTMENT OF THE ARMY LICENSE FOR NATIONAL GUARD PURPOSES

ARMED FORCES RESERVE CENTER, LOS ALAMITOS ORANGE COUNTY, CALIFORNIA

NO. DACA09-3-78-47 -

The SECRETARY OF THE ARMY hereby grants to the STATE OF CALIFORNIA for use by the STATE MILITARY DEPARTMENT OF CALIFORNIA, hereinafter referred to as the licensee, being the appropriate department of the State of California with authority to execute this license on behalf of the State of California, a license for an indefinite term commencing on 13 August 1977, but revocable at will by the Secretary of the Army, to manage, operate, use and occupy for year-round maintenance and training as an Armed Forces Reserve Center and support of the California Army National Guard, and designated active Army, Navy and Air Force units and reserve component units of the Army Navy, Air Force and Marines, certain land and improvements comprising the Armed Forces Reserve Center, Los Alamitos, Orange County, California, located substantially as shown in red on Exhibit "A" attached hereto and made a part hereof, and more particularly described as follows:

Consisting of buildings and surrounding grounds, containing approximately 1502.53 acres, with condition of buildings and installed property being described in the Inventory and Condition Report, marked Exhibit "B", attached hereto and made a part hereof. The Golf Course (shown in green) and Family Quarters "A" and "B" (shown in blue) on Exhibit "A" attached hereto, are included in this license for accountability purposes only.

THIS LICENSE is granted subject to the following provisions and conditions:

- 1. That the management, operation, use and occupancy of said Armed Forces Reserve Center by Licensee, shall be performed in accordance with Department of Defense Directives and Department of the Army regulations, subject to provision of adequate funding to the Licensee by the Department of Defense through the National Guard Bureau. Until such funding is received each component occupying facilities on the installation shall bear a fair share of the cost of management and operation, computed as his occupance of space is to the total space available. Building space assignments will be made by the licensee with equitable consideration to Active and Reserve Component missions.
- 2. That the management, operation, use and occupancy of said Armed Forces Reserve Center shall be with the general supervision of the duly authorized representative of the Secretary of the Army.
- 3. That the Licensee shall maintain and keep in good repair and condition at standards prescribed by Department of the Army regulations, the premises on said Armed Forces Reserve Center, and all costs of operation, maintenance, and

ARMED FORCES RESERVE CENTER, LOS ALAMITOS ORANGE COUNTY, CALIFORNIA No. DACA09-3-78-47

restoration occasioned by reason of the use of the premises shall be paid for from funds available to Licensee from funds appropriated by the National Guard Bureau, and no funds from the State of California shall be utilized for said operations, maintenance and restoration, except for those buildings and facilities occupied for use as armories, Army aviation support facilities, and organizational maintenance shops as described in National Guard Bureau Pamphlet 420-10, and as modified by National Guard Bureau letter dated 10 March 1977, subject: Federal Support of Licensed Armories.

- 4. That the United States (hereinafter referred to as the Government), reserves the right to use the property included in this license, or any part thereof, including all buildings and improvements situated thereon, for such purposes as the Department of the Army deems necessary in the interest of national defense.
- 5. That the Government will not be responsible for any injury to persons or damage to property arising out of or incident to the use or occupancy of the licensed property by the licensee, and the licensee shall indemnify and save the Government harmless from any and all claims for such injury or damage, excepting claims for injury or damage arising from activities of the Government on the said property which are being conducted for the benefit of the Government. Nothing contained in this condition shall be construed to be in derogation of the rights and remedies afforded aggrieved parties by Federal or State statute. It is understood that the obligations imposed on the licensee by this condition are limited to those not prohibited from being assumed by the laws of the State of California.
- 6. That no addition to or alteration or improvement of the premises shall be made without prior written authorization from the Secretary of the Army or his duly authorized representative. All additions, alterations and improvements so authorized shall be maintained by the licensee. Permanent additions, alterations and improvements (which shall be so designated by the Secretary of the Army or his duly authorized representative) shall, upon completion, become and remain the property of the Government.
- 7. That the facilities included in this license shall not be used for the quartering of personnel except when such personnel are in the Federal service, participating in authorized training, or for the temporary or interim quarterings of personnel.
- 8. That as of the date of commencement of this license a joint survey and inventory of the property included thereunder, indicating the exact condition thereof, shall be made by the Los Angeles District Engineer and the licensee. A written report of said survey and inventory, signed by an authorized representative of the Los Angeles District Engineer and licensee, shall be attached hereto as Exhibit "B" and made a part hereof. A like survey and report shall be made upon expiration or termination of this license.

ARMED FORCES RESERVE CENTER, LOS ALAMITOS ORANGE COUNTY, CALIFORNIA No. DACAO9-3-78-47

- 9. That this license may be relinquished by licensee upon giving sixty (60) days notice in writing to the Los Angeles District Engineer.
- 10. That on or_before the date of expiration of this license or its relinquishment by the licensee, the licensee shall vacate the premises, remove all property of the licensee therefrom (excluding those permanent additions, alterations and improvements which under the provisions of Condition No. 6 hereof have become the property of the Government), and restore the premises to as good condition as that existing upon the date of commencement of the term of this license, damages beyond the control of the licensee, and due to fair wear and tear excepted. If, however, this license is revoked, the licensee shall vacate the premises, remove said property therefrom, and restore the premises as aforesaid within such time as the Secretary of the Army may designate. In either event, if the licensee shall fail or neglect to remove said property and so restore the premises, then at the option of the Secretary of the Army said property shall either become the property of the Government without compensation therefor, or the Secretary of the Army may cause the property to be removed and the premises to be so restored at the expense of the licensee, and no claim for damages against the Government or its officers or agents shall be created by or made on account of such removal and restoration.
- 11. That the licensee may mutually agree with Department of Defense elements for the use of premises on said Armed Forces Reserve Center by such elements for joint or individual training purposes, provided use of such premises are subject to designation by licensee and provided such uses do not interfere with licensee use.
- 12. That the licensee may, upon appropriate authority, issue temporary short term licenses to community service activities subject to the same terms and conditions permitted to Active Army installation commanders; provided such use is at no expense to the Federal Government.
- 13. That this license is subject to all existing easements and licenses and leases of said Armed Forces Reserve Center of record as set forth on Exhibit "C", attached hereto, and the Government reserves the right to a grant to others leases, licenses, and easements in such manner as not to interfere with the exercise of this license and in coordination with the licensee.
- 14. That the Secretary of the Army shall, by separate action, relinquish such jurisdiction as he deems advisable over the Armed Forces Reserve Center, Los Alamitos, California, subject to coordination with the licensee.

ARMED FORCES RESERVE CENTER, LOS ALAMITOS ORANGE COUNTY, CALIFORNIA No. DACAO9-3-78-47

- 15. That the Government reserves the right at any time for its representatives, which shall include duly authorized representatives of the Los Angeles District Engineer, to enter the licensed premises to review and to inspect the licensed premises, and in the event it is determined that the premises are not, being properly maintained in conformance with the terms of this license, written notice of each deficiency shall be given to the licensee, who shall initiate actions as deemed necessary by the Government to restore the premises to an appropriate condition.
- 16. That any notice under the terms of this license shall be in writing signed by a duly authorized representative of the party giving such notice which, if given to the Government, shall be addressed to the District Engineer, Los Angeles District, U.S. Army Corps of Engineers, P.O. Box 2711, Los Angeles, California 90053; if to the licensee, to the Commander, State Military Forces, Military Department, ATTN: CALG-FA, P.O. Box 214405, Sacramento, California 95821, or as may time to time otherwise be directed by the parties.
- 17. This license may be modified or supplemented during the term hereof upon mutual agreement of the parties in writing.

IN WITNESS WHEREOF, I have hereunto set my hand this 2777 day of MANCH 1976, by direction of the/Secretary of the Army.

UNITED STATES OF AMERICA

Approved for Legal Sufficiency	By: Man M, Mathematics of Assistant for Road Property, OTSA(ILGFIA)
The above license, includi	ing all the provisions and conditions thereof,
is hereby accepted this9th	h day of
APPROVED:	STATE OF CALIFORNIA OFFICE OF THE COMMANDING GENERAL
DIRECTOR OF THE DEPARTMENT OF GENERAL SERVICES	STATE MILITARY FORCES
By PHILLIP W. SALAMY, ASST. CHIEF	By: Fru Achel
Space Management Division	
***	Title: Major General, Commanding

STATE OF CALIFORNIA OFFICE OF THE COMMANDING GENERAL STATE MILITARY FORCES MILITARY DEPARTMENT SACRAMENTO, CALIFORNIA

I certify	y that	FRANK	J. SCHO	BER, JR.		· was	the	Com	nandi	Lng
General,	State	Military	Forces,	State of	Californ	nia, on the		9th		_
day of _	J	uly	19 79	, and as	such was	authorized	to	sign	the	•
attached	on bei	nalf of th	ne State	of Calif	ornia.					

DANIEL L. BRENNAN

COL, GS, CAL ARNG Personnel and Administration Officer

Pursuant to Condition No. 13, the following Documents are listed:

Documents granted by the Government

- 1. Department of The Navy Easement No. NOy(R) 65539, granted to the Orange County Flood Control District. (No term specified)
- 2. Department of The Navy Easement No. NOy(R) 62839 granted to the Crange County Flood Control District. (Indefinite term)
- 3. Department of The Navy Lease No. NF(R) 23462 granted to Messrs. Shoii Hara, Toshio Hara and Keisuke Hara. (Expires 31 December 1979)
- 4. Department of The Navy Lease No. NF(R) 23082 granted to Sea Air Federal Credit Union. (Expires 31 March 1979, subject to renewal for 5-years)
- 5. Department of The Navy License No. NOy(R) 53727 granted to Department of Transportation Federal Aviation Administration (Indeterminate term)
- 6. Department of the Navy License No. NOy(R) 49194 granted to the Department of the Air Force. (Indeterminate term)

Documents granted to the Government

- 1. Lease No. NOy(R) 59574 from Fred H. Bixby Ranch Co (Option of the Government to renew on a year to year basis, not to extend beyond 30 June 1985).
- Lease No. NOy(R) 64628 from Southern California Construction Company (Option of the Government to renew on a year to year basis, not to ex tend beyond 30 June 1985).
 - 3. Jease No. NOy(R) 67814 from Harvey & C.H. Warschow (Renewable year to year to 30 June 1984).
 - 4. Permit No. NF(R) 7407 from Orange County Flood Control District. (Indefinite term).
 - 5. Permit No. NCy(R) 96576 from Orange County Flood Control District. (Indefinite term).
 - 6. Easement NOy(R) 95034 from F.H. Bixby Ranch Co. (Indefinite term)



DEPARTMENT OF THE NA

WESTERN DIVISION

NAVAL FACILITIES ENGINEERING COMMAND P.O. BOX 727 SAN BRUNO, CALIFORNIA 94066

ADVANCE COPY CODE 15

R/S_18544

IN REPLY REFER TO: 2411:RID:1b Armed Forces Reserve Center NAS Los Alamitos #916 2 9 JUN 1981

From:

Commanding Officer, Western Division, Naval Facilities Engineering

Command

To: Commanding Officer, Naval Station, Long Beach, California

Subj:

Distribution of Permit No. DACA-4-81-87 Armed Forces Reserve Center, Los Alamitos (our N6247481RP00A63)

Encl:

(1) Permit No. DACA09-4-81-87 Armed Forces Reserve Center, Los Alamitos (our N6247481RP00A63); copy of

1. Forwarded for your files is enclosure (1) which grants the Department of the Navy exclusive use, operation, and maintenance of the golf course and all existing facilities thereon, located at Armed Services Reserve Center, Los Alamitos, California.

HANSEL N. HARRISON, JR. By direction

٦.,,

. j

DEPARTMENT OF THE ARMY N6247481RP00A63

n merapakan dan dinebagai di

PERMIT TO O HER FEDERAL GOVERNMENT L PARTMENT OR AGENCY

TO USE PROPERTY ON

No. DACA09-4-81-87

ARMED FORCES PRSERVE CENTER
LOS ALAMITOS, ORANGE COUNTY, CALIFORNIA.

DEPARTMENT OF THE NAVY, LOS ALANITOS NAVAL GOLF COURSE, LOS Alamitos, CA is hereby pranted a permit for a term of an indefinite period of time

beginning 1 January 1981, 1981, and online

but revocable at will by the Secretary of the Army, 40 upon declaration of a National Emergency and 30 days' notice of termination to the Department of the Navy, for use, operation and maintenance of a golf course for recreational purposes, containing approximately 294.0 acres, including the control of all existing facilities constructed thereon as described on Exhibit B, pages 1 through 4 attached hereto and made a part hereof, the location of the golf course being

as shown substantially in ver on Exhibit A, attached hereto and made a part hereof, and described as followers

UNIT P consisting of 294.0 acres of land, more or less, as shown on Drawing No. 697-X-6.

THIS PERMIT is granted subject to the following conditions:

Department of the Army under the general supervision and subject to the dipproval of the officer having immediate jurisdiction over the premises, and subject also to such rules and regulations as he may from time to time prescribe. said officer being the District Engineer.

he may from time to time prescribe. said officer being the District Engineer, 19053.

LOS Angeles District, Corps of Engineers, PO Box 2711, Los Angeles, CA 90053.

2. That the permittee shall, at its own expense and without cost or expense to the Department of the Army/Maintain and keep in good repair and condition the premises herein authorized to be used.

3. That any interference with or damage to property under control of the Department of the Army incident to the exercise of the privileges herein granted shall be promptly corrected by the permittee to the satisfaction of the said officer.

4. That the permittee shall pay the cost, as determined by the said officer, of producing and officer services furnished by the Department of the Army or through Department of the Army facilities for the use of the permittee.

N6247481RP00A63

5. That no additions to or alterations of the premises shall be made without the prior consent of the said officer.

- 6. That if for any reason it should be deemed necessary or expedient for the Department of the Army to perform functions and/or render services which are the responsibility of the permittee, the said officer may, in lieu of reimbursement, require the permittee to furnish the personnel and/or materials required for the performance of said functions for the rendering of said services. In addition to furnishing personnel and/or materials, the permittee shall reimburse the Department of the Army for any costs incurred by the Department of the Army in connection with said functions and/or services, such as for supervision and/or equipment furnished. Selection of such personnel will be subject to the approval of the said officer.
- 7. That on or before the date of expiration of this permit or its relinquishment by the permittee, the permittee shall vacate the said premises, remove its property therefrom, and restore the premises to a condition satisfactory to the said officer, ordinary wear and tear and damage beyond the control of the permittee excepted. If, however, this permit is revoked, the permittee shall vacate the premises, remove its property therefrom, and restore the premises as aforesaid within such time as the Secretary of the Army may designate.
 - 16. That prior to execution of this permit the following changes were made:

The Granting clause and Condition Nos. 1, 2, 3 and 4 were revised and Condition No. 6 was deleted and Condition Nos. 8 through 16 were added. Condition Nos. 8 through 15 are on page 3.

IN WITNESS WHEREOF I have hereunto set my hand by authority of the Secretary of the Army this

day of ,19 8/

THE THE TOTAL PROPERTY CONTROL OF THE TOTAL PROPERTY CHIEF, Real Estate Division;

U.S. Army Engineer District, Los Angeles

ং পাছিল যে বিভাগে হা বিষয়েকৈনি কয়। বিষয়েকে ভাতেলেক আছে কুন্দারেক ভাতত হা বিষয়েকিক কান্ত ভাতত সং

4.4 万年音 G (A) (1)(A) (A)

THE AROVE PERMIT, together with all the terms and conditions thereof, is hereby accepted this 75 day of Mail 1981.

DEPARTMENT OF THE WAVY

By: Warret Breiseun

WAPPEN K. BRANSCUM

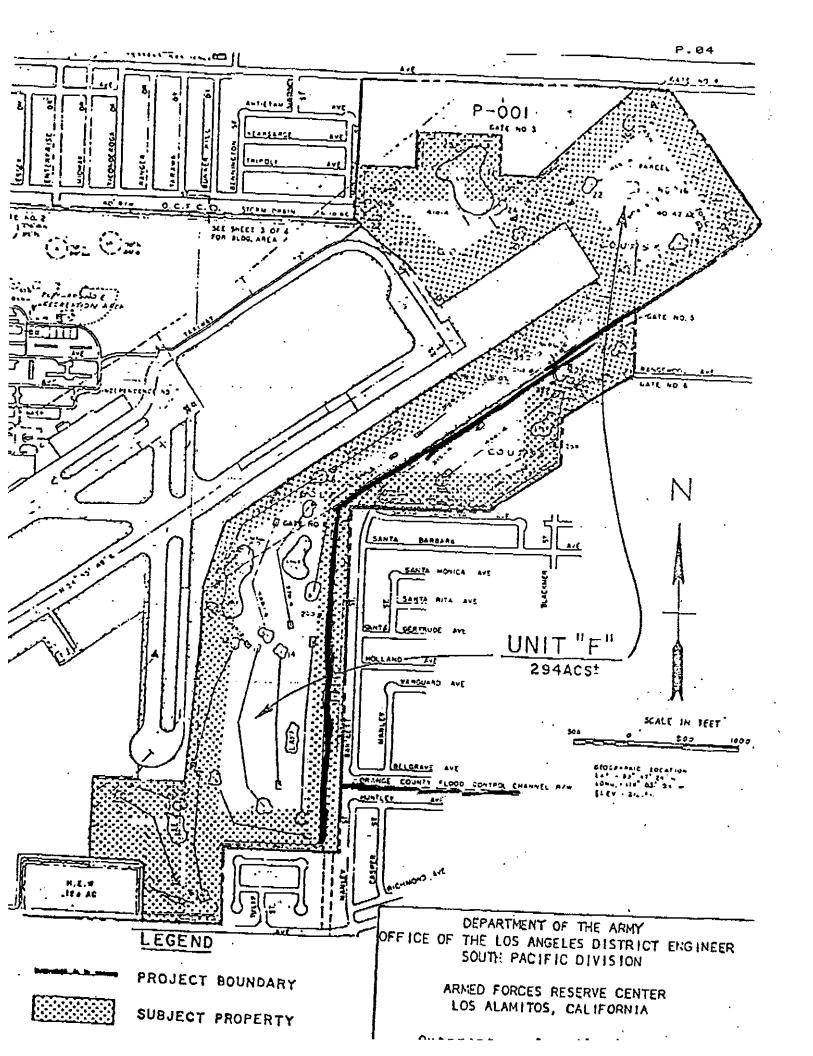
774470.

- 8. That the permittee shall be responsible for the maintenance and repair of the perimeter fence comprising the golf course boundary. The permittee shall reimburse the Commander, Armed Forces Reserve Center for the cost of any maintenance and repair performed by the Center.
- 9. That the permittee shall be responsible for the maintenance and repair of the perimeter road within the boundaries of the golf course. The permittee shall reimburse the Commander, Armed Forces Reserve Center for the cost of any maintenance and repair performed by the Center.
- 10. That the permittee shall coordinate with the Commander, Armed Forces Reserve Center and/or his duly authorized representative to determine sharing of costs covering perimeter security patrol, including the requirements relative to Intrusion Detection System, monitoring, responding to alarm and costs of providing vehicles and personnel necessary for patrolling.
- 11. That the permittee shall insure that access to perimeter road is controlled and precludes the possibility of vandalism or security violations to the airfield and/or Installation property.
- 12. That any activities to be conducted on the premises other than those related to the game of golf shall first be coordinated with the Commander, Armed Forces Reserve Center and/or his duly authorized representative to insure no safety hazards or situations involving aircraft operations are created, due to lack of proper planning.
- 13. That the Commander and/or his duly authorized representative, Armed Forces Reserve Center, will coordinate with the permittee's duly authorized representative on any pending activities that may pose a safety hazard to personnel and facilities on and within the boundaries of the golf course.
- 14. That the Commander, Armed Forces Reserve Center, and/or his duly authorized representative shall retain the right for access to the airfield lighting facilities or GCA equipment for the purpose of maintenance located within the boundaries of the golf course premises.
- 15. That the Commander, Armed Forces Reserve Center, and/or his day authorized representative shall retain access to the perimeter road within the boundaries of the golf course as necessary for security or service.
- 16. That the permittee acknowledges that approximately 40.42acres (Parcel 16) Unit F is currently being leased by the Department of the Army and such lease will expire 30 dune 1984.

Armed Forces Reserve Center, Los Alamitos Department of the Navy WA 3/1/8/

· 1000年 · 100

Tong Kay 547-7705



Subj: NOTES OF PHONCON WITH WESTDIVNAVFAC SAN BRUNO, REAL ESTATE DIVISION, MR. PETE MORENO, COMM (415) 244-3817

1. The following are notes from my phoncon this date with Pete Moreno, San Bruno Real Estate Division concerning the relationship of the Navy Golf Course to the CAANG, Armed Forces Reserve Center, Los Alamitos. Per Mr. Moreno:

The entire reservation is Federally owned (US Army)

The property is managed for the US Army by the Army Corps of Engineers, Los Angeles with the "managing officer" being the District Engineer

There are two permitee's operating on the reservation, one being the State of California, the other being the US Navy (Permit No. DACA-4-81-87)

Each of the permitees has a one-to-one ("landlord-tenant") relationship with the District Engineer, Los Angeles District, US Army Corps of Engineers

The Navy permit (Permit No. DACA-4-81-87) was issued on 01 JAN 81 for an indefinite period

Mr. Moreno stated that by analogy, the relationship of the Navy and the AFRC is that of two neighbors in a duplex rental property, each having their own "lease agreement" with the landlord. Mr. Moreno further characterized the conditions of the Navy's Permit as follows:

The operation of the Navy Golf Course should cause **no costs** to be incurred by AFRC

The Navy is responsible for maintaining it's portion of the perimeter fence and the perimeter road

The Navy shares responsibility with AFRC for perimeter security, controlling access, preventing vandalism or other security violations of the airfield and installation property

That the Navy must cooperate at all times with AFRC concerning matters of airfield and aircraft operations safety issues

Constant of Style

That conditions #12 and #13 are "sort of mirror clauses"... " that neither tenant will do anything that could conceivably pose a safety hazard to the other" without prior coordination between both tenants

That conditions #14 and #15 insure that the Navy "grants to" AFRC...access to the golf course premises for the <u>specific</u> purpose of maintaining airfield lights / GCA equipment and access to the perimeter road as necessary for security or service

That condition #16 notifies the Navy that it may loose approx. 40.42 acres of land as of 30 June 1984.

Mr. Moreno reiterated that any issues concerning the golf course would not be addressed through AFRC but would be worked out directly between the Army Corp's of Engineers, Los Angeles and his (Mr. Moreno's) office.

W.D. Olsen

Gordon, John P (NWS N92S)

From:

Moreno, Paul M (NWS N92S) Wednesday, September 18, 2002 2:22 PM Gordon, John P (NWS N92S) GOLF COURSE REAL ESTATE ISSUE

Sent: To:

Subject:

Mr. Gordon, we tracked down the current cognizant real estate office that is holding the golf course use permit. The POC

Ms. Mechelle Williams 619-532-1230. She has reviewed the permit and concurs with the position outlined by Mr. Pete Moreno in 1993.

Appendix A.2 JFTB LA Stored AFFF Documentation

MATERIAL SAFETY DATA SHEET

CHEMGUARD 3% AR-AFFF C33LT Revision Date: 1/26/2006

1. PRODUCT IDENTIFICATION

Chemical Family: Surfactant mixture; fire fighting foam concentrate

Aqueous Film Forming Foam

Product name: Chemguard 3% AR-AFFF C33LT

Manufacturer: Chemguard, Inc.

204 South 6th

Mansfield, TX 76063 phone - 817-473-9964

2. COMPOSITION / INFORMATION ON INGREDIENTS

		ACGIH/PF	PM	OSHA/PPM	
CAS NO.	Common Name	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	% by wt
7732-18-5	water				55% - 65%
112-34-5	diethylene glycol monobutyl ether	not establishe	ed		3% - 6%
	proprietary hydrocarbon surfacta	ant			proprietary
	proprietary fluorosurfactant	N/A	N/A	N/A	proprietary
	polysacchaaride gum	N/A	N/A	N/A	1% - 2%
107-21-1	ethylene glycol	(CEIL) 50ppm	ı (C	EIL) 50 ppm	25%

3. HAZARDS IDENTIFICATION

Routes of entry: Dermal, inhalation and ingestion

Potential Health Effects: May cause skin and eye irritation.

Carcinogenicity: Not a carcinogen.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Call a physician.

Inhalation: Remove to fresh air.

Skin: Rinse with water. Wash with soap and water. Contaminated clothing should be washed

before re-use.

Eyes: Rinse with water. Call a physician.

5. FIRE FIGHTING MEASURES

Flash Point:

Flammable Limits in air (lower % by volume):

Flammable Limits in air (upper % by volume):

not evaluated

not evaluated

not evaluated

General Hazards: None known.

Fire Fighting Equipment: Self contained breathing apparatus

Fire Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical, Halon

Fire and Explosion Hazards: Decomposition products may be toxic.

Hazardous Combustion Products:

6. ACCIDENTAL RELEASE

Contain spills. Vacuum or pump into storage containers, absorb smaller quantities with absorbent materials, and dispose of properly. Washing area with water will create large amounts of foam.

Dispose of released and contained material in accordance with local, state, and federal regulations. Release to local waste treatment plant only with permission.

7. HANDLING AND STORAGE

Store in original container, or appropriate end-use device. Store at temperatures of -2° - 120° F. If the material freezes, it may be thawed without loss of performance.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection: Wear side-shield safety glasses.

Skin Protection: Wear latex gloves.

Respiratory Protection: Use organic vapor respirator if needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212 degrees F.

Melting Point: -2° F
Specific Gravity: 1.05 g/ml
Vapor Pressure (mm Hg): N/A
pH 7.0 - 8.5

Flash Point (PMCC): no flash to boiling

Vapor Density (air = 1) N/A Solubility in water: 100%

Appearance: opaque, thick liquid
Odor: very slight solvent odor

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Strong oxidizers

Hazardous Polymerization: Will not occur.

Decomposition Products: Oxides of nitrogen, sulfur, carbon.

11. TOXICOLOGICAL INFORMATION

Eye Irritation: (Rabbits) mild irritant Skin Irritation: (Rabbits) minimal irritant

Inhalation Toxicity: not evaluated Sensitization: not evaluated Teratology: not evaluated Mutagenicity: not evaluated Reproduction: not evaluated Acute Oral Effects (Rats): not evaluated

12. ECOLOGICAL INFORMATION

NTRATE DILU	ITION
2 mg/l 18,59	99 mg/l
0 mg/l 11,68	38 mg/l
	63%
) mg/l 6060	mg/l
ermined not d	letermined
ermined not d	letermined
	2 mg/l 18,59 0 mg/l 11,68 0 mg/l 6060 ermined not d

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state, and federal regulations. Discharge to waste treatment plants only with permission. Anti-foam agents may be used to reduce foaming in waste streams.

14. TRANSPORTATION INFORMATION

Department of Transportation proper shipping name: not regulated

15. REGULATORY INFORMATION

All ingredients are on the TSCA inventory. Ethylene glycol is reportable under SARA Title III, RQ = 5,000 lbs No components are reportable under **CERCLA**.

16. OTHER INFORMATION

NFPA Hazard Ratings		HMIS Identification System
1	Health Hazard Rating	1
0	Flammability Rating	0
0	Instability/Reactivity Rating	0

Change Log:

Revision 2, 1/26/06 - Flammability rating changed from 1 to 0.

Revision date changed.



ANSULITE AFC-5A (NMS) 3% AFFF Concentrate

Description

ANSULITE AFC-5A (NMS) 3% AFFF (Aqueous Film-Forming Foam) Concentrate combines fluoro- and hydrocarbon-surfactant technologies to provide superior fire and vapor suppression for Class B hydrocarbon fuel fires. This synthetic foam concentrate is intended for firefighting applications at 3% solution in fresh, salt, or hard water.

ANSULITE AFC-5A (NMS) foam solution utilizes three suppression mechanisms intended for rapid fire knockdown and superior burnback resistance:

- The foam blanket blocks oxygen supply to the fuel.
- Liquid drains from the foam blanket and forms an aqueous film that suppresses fuel vapor and seals the fuel surface.
- The water content of the foam solution produces a cooling effect for additional fire suppression.

TYPICAL PHYSIOCHEMICAL PROPERTIES AT 77 °C (25 °F)

Appearance Pale yellow liquid Density $1.023 \pm 0.020 \text{ g/ml}$

pH 7.0 – 8.5

Refractive Index 1.3640 ± 0.0020 Viscosity* 4.5 ± 1.0 cSt

*Cannon-Fenske viscometer at 77 °F (25 °C)

Approvals, Listings, and Standards

ANSULITE AFC-5A (NMS) 3% AFFF Concentrate is designed in accordance with National Fire Protection Association (NFPA) Standard 11 for Low-, Medium-, and High-Expansion Foam. The concentrate is approved, listed, qualified under, or meets the requirements of the following specifications and standards:

UL Standard 162, Foam Liquid Concentrates





010052

Application

ANSULITE AFC-5A (NMS) Concentrate is intended for use on Class B hydrocarbon fuel fires with low water solubility such as crude oils, gasolines, diesel fuels, and aviation fuels. It is not suitable for use on polar fuels with appreciable water solubility such as methyl and ethyl alcohol, acetone, and methyl ethyl ketone.

The concentrate also has excellent wetting properties that can effectively combat Class A fires. It may also be used in conjunction with dry chemical agents to provide even greater fire suppression performance.

ANSULITE AFC-5A (NMS) 3% AFFF Concentrate can be ideal for fixed, semi-fixed, and emergency response firefighting applications such as:

- Fuel or chemical storage tanks
- Industrial chemical and petroleum processing facilities
- Truck/rail loading and unloading facilities
- Flammable liquid containment areas
- Mobile equipment
- Crash fire rescue

Foaming Properties

ANSULITE AFC-5A (NMS) 3% AFFF Concentrate may be effectively applied using most conventional foam discharge equipment at a 3% dilution with fresh, salt, or hard water. For optimum performance, water hardness should not exceed 500 ppm expressed as calcium and magnesium.

ANSULITE AFC-5A (NMS) Concentrate requires low energy to foam and the foam solution may be applied with aspirating and non-aspirating discharge devices. Aspirating discharge devices typically produce expansion ratios from 3.5:1 to 10:1, depending on the type of device and the flow rate. Non-aspirating devices, such as handline water fog/stream nozzles or standard sprinkler heads, typically produce expansion ratios from 2:1 to 4:1. Medium-expansion discharge devices typically produce expansion ratios from 20:1 to 60:1.

Proportioning

The recommended operational temperature range for ANSULITE AFC-5A (NMS) 3% AFFF Concentrate is 35 °F to 120 °F (2 °C to 49 °C). This foam concentrate can be correctly proportioned using most conventional, properly calibrated, in-line proportioning equipment such as:

- Balanced and in-line balanced pressure pump proportioners
- Balanced pressure bladder tanks and ratio flow controllers
- Around-the-pump type proportioners
- Fixed or portable in-line venturi type proportioners
- Handline nozzles with fixed eductor/pick-up tubes

For immediate use: The concentrate may also be diluted with fresh or salt water to a 3% pre-mix solution.

For delayed use: Consult Technical Services for guidance regarding suitability of a stored pre-mix solution (fresh water only).

Storage and Handling

ANSULITE AFC-5A (NMS) 3% AFFF Concentrate should be stored in the original supplied package (HDPE totes, drums, or pails) or in the recommended foam system equipment as outlined in Tyco Fire Protection Products Technical Bulletin "Storage of Foam Concentrates". The product should be maintained within the recommended temperature range. If the concentrate freezes during transport or storage, full product serviceability can be restored upon thaw with gentle re-mixing.

Factors affecting the foam concentrate's long-term effectiveness include temperature exposure and cycling, storage container characteristics, air exposure, evaporation, dilution, and contamination. The effective life of ANSULITE AFC-5A (NMS) Concentrate can be maximized through optimal storage conditions and proper handling. ANSUL concentrates have demonstrated effective firefighting performance with contents stored in the original package under proper conditions for more than 10 years.

Mixing ANSULITE AFC-5A (NMS) Concentrate with other foam concentrates for long-term storage is not recommended. Use in conjunction with comparable 3% AFFF products for immediate incident response is appropriate.

Materials of Construction Compatibility

To help avoid corrosion, galvanized pipe and fittings should never be used in contact with undiluted ANSULITE AFC-5A (NMS) 3% AFFF Concentrate. Refer to Tyco Fire Products Technical Bulletin "Acceptable Materials of Construction" for recommendations and guidance regarding compatibility of foam concentrate with common materials of construction in the firefighting foam industry.

Inspection

ANSULITE AFC-5A (NMS) 3% AFFF Concentrate should be inspected periodically in accordance with NFPA 11, EN 13565-2, or other relevant standard. A representative concentrate sample should be sent to Tyco Fire Protection Products Foam Analytical Services or other qualified laboratory for quality analysis per the applicable standard. An annual inspection and sample analysis is typically sufficient, unless the product has been exposed to unusual conditions.

Ordering Information

ANSULITE AFC-5A (NMS) 3% AFFF Concentrate is available in drums only.

D . N. I	D '	Shipping	Container
Part Number	Description	Weight	Volume
442503	Drum	495 lb	11.83 ft ³
	55 gal (208 L)	(224.5 kg)	(0.3350 m ³)

For bulk orders consult an account representative.

Safety Data Sheets (SDS) are available at www.ansul.com.

Note: The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

ANSUL, ANSULITE, and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.



by Tyco Fire Suppression & Building Products

MATERIAL SAFETY DATA SHEET

ANSULITE 3% AFFF (AFC-3-A)

Issue Date: 08-30-2010 Product Code: 1010-2-016 ANa

1. Product and Company Identification

Material name ANSULITE 3% AFFF (AFC-3-A)

Version #

08-30-2010 **Revision date** CAS# Mixture

Product Code 1010-2-016 ANa

Product use Fire extinguishing agent

Manufacturer / Importer /

Supplier

Name Tyco Fire Suppression and Building Products

One Stanton Street **Address**

Marinette, WI 54143-2542

715-735-7411 Phone Internet http://www.ansul.com

Emergency Phone Number CHEMTREC 800-424-9300 or 703-527-3887

2. Hazards Identification

Emergency overview WARNING! Causes skin and eye irritation.

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication). **OSHA** regulatory status

Potential health effects

Routes of exposure Eye contact. Skin contact. Inhalation. Ingestion. **Eves** Do not get this material in contact with eyes.

Skin Avoid contact with the skin. Frequent or prolonged contact may defat and dry the skin, leading to

discomfort and dermatitis.

Inhalation Do not breathe vapor. May be irritating. Ingestion Not a likely route of entry. Do not ingest.

Eyes. RESPIRATORY SYSTEM. Skin. Central nervous system. **Target organs**

Chronic effects Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Irritation of nose and throat. Irritation of eyes and mucous membranes. Defatting of the skin. Signs and symptoms

Rash. Skin irritation.

3. Composition / Information on Ingredients

Components	CAS#	Percent
Butyl Carbitol 112-34-5 2.5 - 10		2.5 - 10
Other components below reportable levels > 90		> 90

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if

Wash off with warm water and soap. Get medical attention if irritation develops and persists.

present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

Skin contact

Inhalation Move to fresh air. For breathing difficulties, oxygen may be necessary. Get medical attention, if

needed.

Rinse mouth. Do not induce vomiting without advice from poison control center. IF SWALLOWED: Ingestion

Immediately call a POISON CENTER or doctor/physician. If vomiting occurs, keep head low so

that stomach content doesn't get into the lungs.

Notes to physician Symptoms may be delayed.

1521 Version #: 01 Revision date: 08-30-2010 F-9743

General advice If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Show this safety data sheet to the doctor in attendance.

5. Fire Fighting Measures

No unusual fire or explosion hazards noted. Flammable properties

Extinguishing media

Suitable extinguishing

media

This product is not flammable. Use extinguishing agent suitable for type of surrounding fire.

Protection of firefighters

Specific hazards arising from the chemical

None known.

Specific methods None known.

Hazardous combustion

products

May include oxides of nitrogen.

6. Accidental Release Measures

Local authorities should be advised if significant spillages cannot be contained. Surfaces may Personal precautions

become slippery after spillage.

Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or **Environmental precautions**

onto the ground.

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. **Methods for containment**

Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up Should not be released into the environment.

> Large Spills: Dike far ahead of spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).

Never return spills in original containers for re-use. Following product recovery, flush area with

water. Clean surface thoroughly to remove residual contamination.

7. Handling and Storage

Handling Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure.

Handle and open container with care.

Storage Store in cool place. Store in a well-ventilated place. Keep container tightly closed. Keep out of the

reach of children. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Personal protective equipment

Do not get in eyes. Wear approved chemical safety glasses or goggles where eye exposure is Eye / face protection

reasonably probable.

Wear appropriate chemical resistant clothing. Chemical resistant gloves. Skin protection

When workers are facing concentrations above the exposure limit they must use appropriate Respiratory protection

certified respirators.

General hygiene

considerations

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat,

drink or smoke. Avoid contact with skin.

9. Physical & Chemical Properties

Appearance

Form Liquid.

Light yellow. Clear. Color

Mild. Sweet. Odor

Liquid. Physical state pН 6.5 - 8.5

Not available. **Melting point** Freezing point Not available.

206.6 °F (97 °C) **Boiling point**

Material name: ANSULITE 3% AFFF (AFC-3-A) 1521 Version #: 01 Revision date: 08-30-2010 F-9743 Flash point > 212 °F (> 100 °C)

Evaporation rate Not available. Flammability limits in air, upper, Not available.

% by volume

Flammability limits in air, lower. Not available.

% by volume

Not available. Vapor pressure Not available. Vapor density

1.02 Specific gravity

Relative density Not available. Solubility (water) Not available. Not available **Partition coefficient**

(n-octanol/water)

Auto-ignition temperature Not available. Not available. **Decomposition temperature** Not available. VOC

10. Chemical Stability & Reactivity Information

Material is stable under normal conditions. **Chemical stability**

Conditions to avoid None known.

Alkaline metals. Strong acids, alkalies and oxidizing agents. Incompatible materials

Hazardous decomposition

products

Nitrogen oxides (NOx). Sulfur oxides. Carbon oxides.

11. Toxicological Information

Toxicological information The toxicity of this product has not been tested.

Toxicological data

Components **Test Results** Butyl Carbitol (112-34-5) Acute Dermal LD50 Rabbit: 2700 mg/kg Acute Oral LD50 Guinea pig: 2000 mg/kg Acute Oral LD50 Rabbit: 2200 mg/kg Acute Oral LD50 Rat: 6560 mg/kg Acute Other LD50 Mouse: 850 mg/kg Acute Other LD50 Rat: 500 mg/kg

Local effects Components of the product may be absorbed into the body through the skin. Contact may irritate

or burn eyes.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Ecotoxicological data	
Components	Test Results
Butyl Carbitol (112-34-5)	EC50 Algae: > 100 mg/l 96.

EC50 Water flea (Daphnia magna): 3184 mg/l 24.00 hours LC50 Bluegill (Lepomis macrochirus): 1300 mg/l 96.00 hours

.00 Hours

Not expected to be harmful to aquatic organisms. **Ecotoxicity**

Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Not available. Persistence and degradability

Material name: ANSULITE 3% AFFF (AFC-3-A) 1521 Version #: 01 Revision date: 08-30-2010 F-9743

13. Disposal Considerations

Disposal instructions This product, in its present state, when discarded or disposed of, is not a hazardous waste

according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of waste material according to Local, State, Federal, and

Provincial Environmental Regulations.

Waste from residues / unused

products

Dispose of in accordance with local regulations.

14. Transport Information

DOT

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Butyl Carbitol (CAS 112-34-5) 1.0 % N230

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Butyl Carbitol (CAS 112-34-5) Listed, N230

CERCLA (Superfund) reportable quantity

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Acute Health - Yes

Chronic Health - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

Section 302 extremely

hazardous substance

Section 311 hazardous

United States & Puerto Rico

chemical

No

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

This product does not contain a chemical known to the State of California to cause cancer, birth State regulations

Toxic Substances Control Act (TSCA) Inventory

defects or other reproductive harm.

US - New Jersey Community RTK (EHS Survey): Reportable threshold

Butyl Carbitol (CAS 112-34-5)

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Butyl Carbitol (CAS 112-34-5) Listed.

1521 Version #: 01 Revision date: 08-30-2010 F-9743

Material name: ANSULITE 3% AFFF (AFC-3-A)

Yes

16. Other Information

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings Health: 1

Flammability: 0 Physical hazard: 0

Health: 1 **NFPA** ratings

Flammability: 0 Instability: 0

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any

other materials or in any process, unless specified in the text.

Issue date 08-30-2010

Material name: ANSULITE 3% AFFF (AFC-3-A)

MSDS US 1521 Version #: 01 Revision date: 08-30-2010 F-9743

MATERIAL SAFETY DATA SHEET



Date Prepared: 12/14/2010 Supersedes Date: 02/26/2009

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CHEMGUARD C-303

Chemical Family: Surfactant mixture; fire fighting foam concentrate

Company Identification: Chemguard, Inc.

204 South 6th Avenue

Mansfield, Texas 76063 USA

(817) 473-9964 (For Product Information) (817) 473-9964 (For Emergency Information)

www.chemguard.com

For a transport accident or leak, fire or major spill, call CHEMTREC, (800) 424-9300 For International CHEMTREC assistance, call: (703) 527-3887 (collect calls accepted)

Read the entire MSDS for a complete hazard assessment.

2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	<u>Percentage</u>	CAS Number	OSHA Hazard
Water	85-90%	7732-18-5	NO
Magnesium sulfate	1 - 2%	7487-88-9	YES
Proprietary hydrocarbon solvent			Yes
Proprietary hydrocarbon surfactant			YES
Proprietary fluorosurfactant			YES

COMPOSITION NOTES:

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW WARNING! MAY CAUSE EYE AND/OR SKIN IRRITATION

Routes of Exposure:

Eye Contact: Exposure during the handling or mixing may cause immediate or delayed irritation or inflammation.

Skin Contact: Exposure during the handling or mixing may cause immediate or delayed irritation or inflammation.

<u>Ingestion:</u> Ingestion of large quantities may cause abdominal cramps, nausea, vomiting, diarrhea.

<u>Inhalation:</u> Exposure to this product in excess of the applicable TVL or PEL may cause or aggravate other lung conditions. Exposure to this product may cause irritation to the nose, throat, and upper respiratory system.

Chronic: None known

<u>Medical Conditions which May be Aggravated by Inhalation or Dermal Exposure:</u> Persons with unusual (hyper) sensitivity to chemicals may experience adverse reactions to this product.

<u>Carcinogenic Potential:</u> This product and its ingredients are not listed as a carcinogen by NTP, OSHA, ACGIH or IARC.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids. Seek immediate medical attention.

Skin: In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation or redness occurs. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

<u>Ingestion:</u> If victim is conscious and alert, give 3 – 3 glasses of water to drink. Do not induce vomiting without medical advice. Do not induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

<u>Inhalation:</u> If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues. If breathing is difficult, give oxygen. If breathing as ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5. FIRE FIGHTING MEASURES

Flash Point - >150°F (65.56°C)

Lower Explosive Limit - Not Applicable

Upper Explosive Limit – Not Applicable

Hazardous Combustion Products – Oxides of nitrogen, sulfur and carbon

Unusual Fire & Explosion Hazards – Decomposition products may be toxic...

Extinguishing Media – Water, Foam, Carbon Dioxide, Dry Chemical, Halon

Special fire fighting Procedures – Self contained breathing apparatus

Auto Ignition Temperature - Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective gear for the situation. See Personal Protection information in section 8.

<u>Containment of Spill:</u> Dike or retain dilution water or water from firefighting for later disposal. Follow procedure described below under cleanup and disposal of spills.

<u>Cleanup and Disposal of Spill:</u> Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of mist. Vacuum or sweep into an appropriate storage container. Absorb smaller quantities with absorbent materials and dispose of properly. Washing area with water will create large amounts of foam. Avoid creating mist. Ventilate area.

<u>Environmental and Regulatory Reporting:</u> Runoff from fire control or dilution water may cause pollution. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

7. HANDLING AND STORAGE

<u>Minimum/Maximum Storage Temperature:</u> Store at temperatures of 35°F - 120°F. If the material freezes, it may e thawed without loss of performance.

<u>Handling:</u> Avoid inhalation or contact with eyes, skin or clothing. Avoid prolonged or repeated exposure. Use with adequate ventilation.

Storage: Store in an area that is dry, well ventilated and in tightly closed containers, or appropriate end-use devices..

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Engineering Controls:</u> Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure techniques may be used to effectively minimize employee exposures.

Eye Protection: When engaged in activities where product could contact the eye, wear safety glasses with side shields, goggles, or face shield.

Skin Protection: Skin contact should be minimized through use of latex gloves and suitable long sleeved clothing. Consideration must be given both to durability as well as permeation resistance.

Respiratory Protection: Avoid actions that cause dust exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits. NIOSH or MSHA approved particulate filter respirators should be used in the context of respiratory protection program meeting the requirements of the OSHA respiratory protection standard [29 CFR 1910.134] to control exposures when ventilation or other controls are inadequate or discomfort or irritation is experienced. Respirator and/or filter cartridge selection should be based on American National Standards Institute (ANSI) Standards Z88.2 Practices for Respiratory Protection.

Ventilation: Use local exhaust or general dilution ventilation to control exposure within applicable limits.

Work Practice Controls:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance – Clear amber liquid
Odor – Slight solvent odor
Physical State – Liquid
Specific Gravity (H2O=1) – 1.018 – 1.023 g/ml
pH – 7.0 – 8.5

Vapor Pressure – Not Evaluated

Density – Not evaluated

Boiling Point – 205–212° F (96 –100° C)

Melting Point – 30° F (-1.1° C)

Solubility in Water – Soluble

Stability: Stable.

Conditions to avoid: Unintentional contact with water.

<u>Hazardous Polymerization:</u> Hazardous polymerization will not occur.

Incompatibility with other materials: Strong oxidizing agents

Hazardous Decomposition: Oxides of nitrogen, sulfur and carbon

11. TOXICOLOGICAL INFORMATION

Acute Eye and Skin Toxicity Data:

Toxicological Information and Interpretation:
Eye irritation (Rabbits): Mild irritant
Skin Irritation (Rabbit): Minimal irritant
Acute Oral Effects (Rats): Not evaluated
Inhalation Toxicity: Not evaluated
Sensitization: Not evaluated
Teratology: Not evaluated

Mutagenicity: Not evaluated Reproduction: Not evaluated

To the best of our knowledge, the chemical, physical, and toxicological properties of this product have not been

thoroughly investigated.

Chronic Toxicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.

12. ECOLOGICAL INFORMATION

CONCENTRATE **SOLUTION (AS USED)** 6.300 mg/l **Chemical Oxygen Demand:** 210.000 ma/l Biological Oxygen Demand (20 day): 79,800 mg/l 2,394 mg/l Biodegradability (B.O.D/C.O.D.): 38% 38% 33,600 mg/l **Total Organic Carbon:** 1,008 mg/l LC50 (96 hour Pimephales promelas): 233 ppm 7,767 ppm LC50 (48 hour Daphnia magnas): 1,110 ppm 37,000 ppm

13. DISPOSAL CONSIDERATIONS

<u>Waste Disposal:</u> Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Dispose of waste material according to local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Department of Transportation (DOT)

Hazardous Materials Description/Proper Shipping Name: NOT REGULATED

Hazard Class: Not Applicable

Identification Number: Not Applicable

Required Label Text: Not Applicable

Hazardous Substances/Reportable Quantities: Not Applicable

International Air Transport Association (IATA): NOT REGULATED

15. REGULATORY INFORMATION

FEDERAL REGULATORY STATUS:

<u>Status under OSHA Hazard Communication Standard, 29 CFR 1910.1200:</u> This product is considered a "hazardous chemical" under this regulation, and should be included in the employer's hazard communication program.

Reportable Quantities Under the Clean Water Act, CERCLA, and EPCRA, 40 CFR 117, 302 and 355:

The product contains no component regulated under section 304 (40 CFR 370).

Hazard Category and Applicability of EPCRA Hazardous Substance Inventory Reporting, 40 CFR 370:

Not listed

Applicability of EPCRA Toxic Chemical Release Inventory (TRI) Reporting. 40 CFR 372:

Not subject to TRI reporting

Status Under the Toxic Substances Control Act, 40 CFR 710:

All chemicals comprising this product are listed on the TSCA Inventory.

SARA Title III Hazard Classes:

Fire Hazard: NO
Reactive Hazard: NO
Release of Pressure: NO
Acute Health Hazard: YES
Chronic Health Hazard: NO

State Regulations:

California:

This product does not contain any components that are regulated under California Proposition 65.

Pennsylvania Right To Know Components

This product does not contain any components on the Pennsylvania Right to Know List

16. OTHER INFORMATION

NFPA Ratings: Health: 1 Flammability: 1 Reactivity: 0

Label Requirements:

WARNING! MAY CAUSE EYE AND/OR SKIN IRRITATION

Hazardous Material Information System (HMIS): Health 1

1	Flammability
0	Reactivity
В	Personal Protection

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

Protective Equipment: Safety glasses, gloves

ADDITIONAL INFORMATION:

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of, or prejudice to third parties through the use of our products. Chemguard guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations.

END OF MSDS



1. IDENTIFICATION

Product Name Aer-O-Water®C6 3EM 3%

Aqueous Film Forming Foam Concentrate (AFFF)

Recommended use of the chemical and restrictions on use

Identified uses
Restrictions on Use
Company Identification

Firefighting Foam Concentrate

See Section 15 National Foam

350 East Union Street West Chester, PA 19382

Customer Information Number (610) 363-1400

Emergency Telephone Number Infotrac at (800) 535-5053

Issue DateNovember 2, 2016Supersedes DateJanuary 8, 2016

Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2. HAZARD IDENTIFICATION

Hazard Classification

Eye Damage/Irritation - Category 2A Specific Target Organ Toxicity (Repeated Exposure) - 2

Label Elements

Hazard Symbols





Signal Word: Warning

Hazard Statements

Causes serious eye irritation.

May cause damage to organs (kidney) through prolonged or repeated exposure (oral).

Precautionary Statements

Prevention

Wash hands thoroughly after handling.

Wear eye protection and face protection.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Storage

None

Disposal

Dispose of contents/container in accordance with local regulation.

Other Hazards

None identified.



2. HAZARD IDENTIFICATION

Specific Concentration Limits

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity <1%
Acute dermal toxicity <10%
Acute inhalation toxicity 30 - 40%
Acute aquatic toxicity 20 - 30%

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Component	CAS Number	Concentration
Water	7732-18-5	60 - 70%
Diethylene Glycol Monobutyl Ether	112-34-5	10 - 20%
Ethylene Glycol	107-21-1	5 - 15%
Synthetic detergent	Proprietary	1 - 10%
Fluoroalkyl surfactants	Proprietary	1 - 5%
Surfactant	Proprietary	<1%

4. FIRST- AID MEASURES

Description of necessary first-aid measures

Eves

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Wash skin thoroughly with soap and water. Obtain medical attention if irritation persists.

Ingestion

Dilute by drinking large quantities of water and obtain medical attention.

Inhalation

Move victim to fresh air. Obtain medical attention immediately for any breathing difficulty.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed

Notes to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Suitable Extinguishing Media

This preparation is used as an extinguishing agent and therefore is not a problem when trying to control a fire. Use extinguishing agent appropriate to other materials involved.

Specific hazards arising from the chemical

None known



5. FIRE - FIGHTING MEASURES

Special Protective Actions for Fire-Fighters

Wear full protective clothing and self-contained breathing apparatus as appropriate for specific fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing. Prevent skin and eye contact.

Environmental Precautions

Prevent foam concentrate or foam solution from entering ground water, surface water, or storm drains. Discharge and disposal of concentrate or foam solution should be made in accordance with federal, state, and local regulations.

Methods and materials for containment and cleaning up

Contain and absorb using appropriate inert material and transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate protective clothing. Prevent skin and eye contact.

Conditions for safe storage

Store in original containers between 35°F and 120°F (2°C and 49°C). Storage area should be: - cool - dry - well ventilated - under cover - out of direct sunlight

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Diethylene Glycol Monobutyl Ether, Inhalable Fraction and Vapor

ACGIH: TLV 10 ppm, 8hr Ethylene Glycol, Aerosol ACGIH: Ceiling 100 mg/m³

Appropriate engineering controls

Use with adequate ventilation. If this product is used in a pressurized system, there should be local procedures for the selection, training, inspection and maintenance of this equipment. When used in large volumes, use local exhaust ventilation.

Individual protection measures

Respiratory Protection

Wear respiratory protection if there is a risk of exposure to high vapor concentrations, aerosols or if applied to hot surfaces. A NIOSH approved full face respirator may be worn. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

Revision Date: November 2, 2016 NMS#210 Page 3 of 8



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin Protection

Gloves

Eye/Face Protection

Chemical goggles or safety glasses with side shields.

Body Protection

Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State Liquid

Color Straw yellow Mild, pleasant

Odor Mild, pleasant
Odor Threshold No data available

H 8.0

Specific Gravity 1.04
Boiling Range/Point (°C/F) No data available

Melting Point (°C/F)
No data available
No data available

Flash Point (°C/F) >200°F

Vapor Pressure No data available Evaporation Rate (BuAc=1) No data available

Solubility in Water Soluble

Vapor Density (Air = 1)

VOC (%)

Partition coefficient (n
Not applicable
No data available
No data available

octanol/water)

Viscosity

Auto-ignition Temperature

Decomposition Temperature
Upper explosive limit
Lower explosive limit
Flammability (solid, gas)

No data available
Not applicable
Not applicable
Not applicable

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Contact with incompatible materials

Incompatible Materials

Water reactive materials – burning metals – electronically energized equipment

Revision Date: November 2, 2016 NMS#210 Page 4 of 8



10. STABILITY AND REACTIVITY

Hazardous Decomposition Products

Oxides of carbon – hydrogen fluoride – aldehydes – ketones – organic acids

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Synthetic Detergent
Oral LD50 (rat) >5000mg/kg
Diethylene Glycol Monobutyl Ether
Oral LD50 (rat) 3305 mg/kg
Dermal LD5 (rabbit) 2764 mg/kg

Ethylene Glycol

Minimum lethal dose in humans: 1600 mg/kg body weight(estimate)

LD50 Dermal (rabbit) >3500 mg/kg

Specific Target Organ Toxicity (STOT) - single exposure

Available data indicates this product is not expected to cause target organ effects after a single exposure.

Specific Target Organ Toxicity (STOT) - repeat exposure

Ethylene Glycol: May cause damage to organs (kidney) through prolonged or repeated exposure (oral).

Serious Eye damage/Irritation

<u>Diethylene Glycol Monobutyl Ether:</u> Causes serious eye irritation.

Surfactant: Severe eye irritant (based on similar material)

Synthetic Detergent: Severely irritating (rabbit) (50% solution)

Skin Corrosion/Irritation

Available data indicates this product is not expected to cause skin irritation.

Respiratory or Skin Sensitization

Available data indicates this product is not expected to cause skin sensitization.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

Available data indicates this product is is not expected to be mutagenic.

Reproductive Toxicity

Available data indicates this product is not expected to cause reproductive toxicity or birth defects.

Aspiration Hazard

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No relevant studies identified.

Revision Date: November 2, 2016 NMS#210 Page 5 of 8



12. ECOLOGICAL INFORMATION

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulative Potential

No relevant studies identified.

Other adverse effects

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

This product, as sold, is not a RCRA-listed waste or hazardous waste as characterized by 40 CFR 261. However, state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Therefore, applicable local and state regulatory agencies should be contacted regarding disposal of waste foam concentrate or foam/foam solution.

Concentrate

Prevent foam concentrate from entering ground water, surface water or storm drains. Small quantities of foam concentrate may be collected on absorbents which can then be disposed of. Disposal should be made in accordance with local, state and federal regulations. High temperature incineration is recommended.

Foam/Foam Solution

Prevent foam/foam solution from entering ground water, surface water or storm drains. Small quantities of foam solution may be collected on absorbents which can then be disposed of. Disposal should be made in accordance with local, state and federal regulations, high temperature incineration is recommended.

<u>NOTE:</u> Please consult National Foam for additional information regarding the disposal of foam concentrates and foam solutions.

14. TRANSPORT INFORMATION

Shipping Information
Shipping Description
National Motor Freight Code

Fire Extinguisher Charges or Compounds N.O.I., Class 70 69160 Sub 0

This information is not intended to convey all transportation classifications that may apply to this product. Classifications may vary by container volume and by regional regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules when transporting this material.

15. REGULATORY INFORMATION

United States TSCA Inventory

This product contains an ingredient that has restricted use under the EPA Toxic Substance Control Act This product may only be used as a firefighting foam. Release to water is only allowed during firefighting, testing of firefighting systems or during quality control/assurance activities. Any other use of this product is strictly prohibited.

Revision Date: November 2, 2016 NMS#210 Page 6 of 8



15. REGULATORY INFORMATION

Canada DSL Inventory

All ingredients in this product have not been verified for listing on the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL).

SARA Title III Sect. 311/312 Categorization

Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard

SARA Title III Sect. 313

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: Ethylene Glycol - Diethylene Glycol Monobutyl Ether

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

Ethylene Glycol (107-21-1) 12% by weight maximum

Diethylene Glycol Monobutyl Ether (112-34-5) 16% by weight maximum

16. OTHER INFORMATION

NFPA Ratings

NFPA Code for Health - 0

NFPA Code for Flammability - 0

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards - None

Legend

ACGIH: American Conference of Governmental Industrial Hygienists

BOD₅: Biochemical Oxygen Demand (5 day)

CAS#: Chemical Abstracts Service Number

COD: Chemical Oxygen Demand

EC50: Effect Concentration 50%

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

N/A: Denotes no applicable information found or available

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

RQ: Reportable Quantity

STEL: Short Term Exposure Limit

N/A: Denotes no applicable information found or available OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

RQ: Reportable Quantity

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

Revision Date: November 2, 2016

Replaces: January 8, 2016

Changes made: Changes to Section 6 and 13.

Revision Date: November 2, 2016 NMS#210 Page 7 of 8



16. OTHER INFORMATION

Information Source and References

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

Aer-O-Water is a trademark of Angus International.

The information and recommendations presented in this SDS are based on sources believed to be accurate. National Foam assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.

Revision Date: November 2, 2016 NMS#210 Page 8 of 8

Appendix A.3 JFTB LA AFFF Release Documentation

Hazardous Materials/Waste Incident Report

	on making report (grade/name) Tom TANDOC, Base ENVIR officer
_	inization reporting CALA - ENV
Addı	
Tele	phone and fax number 562. 495. 214
1.	Type of incident (specify) Spill _ Fire Explosion Other
2.	Location of incident JEB Hayer \
3.	Location of incident JFB Hanger I Time/Date incident occurred 1/30 3 oct 2012 Name of hazardous material(s) involved AFFF concentrated from
4.	Name of hazardous material(s) involved AFFF concentrated foam
5.	
6.	Approximate quantity of hazardous material(s) involved Approximate extent of area involved So' × 100'
7.	Number and cause of injuries Nove
8.	Was facility evacuated? Yes No _<
9.	Was surrounding area evacuated? Yes No
10.	Brief description of incident fire system discharged during
	State (CAFE) inspection when pressurized.
11.	Brief description of actions taken to mitigate incident
	JETB fire Dept responded & contained spill with dissarbout materi
avote	ct storm drain and wash rack inlets
12.	Which agencies and persons were notified of the incident? JETB fix Dept
	DW, ENVIR.
13.	What measures have been taken to clean up, after emergency response agencies
and/o	or facility personnel stabilized the incident? About materials used to
	contain & control soil
14.	What preventive measures could be taken in the future to minimize possibility of
	ype of incident occurring again? Fill system locked out and
	depressived until system can be fixed.
	,
	ide initial telephone report by (916) 854-3440 within 24 hours. Send a copy of this report to
your	Commanding Officer and the Environmental Section within 72 hours of the incident:
	ce of The Adjutant General
	N: CAJS-ENV, Box 17
P.O.	Box 269101

CAARNG Form 200-1-8b (Rev 22 Feb 2010)

Sacramento, CA 95826-9101

HAZARDOUS MATERIALS/WASTE INCIDENT REPORT

Person making report (rank/name): BASE ENVIR OFFICER TOM TANDOC
Organization reporting and phone #: CALA-ENV SGZ - 798. Z114
Organization address: 4522 SARATOGA AVE BUDG 5 LOS AL 90420
1. Type of incident: Spill Explosion
2. Location of incident: HANGER
3. Time/Date incident occurred: 1130 & OCT 2012
4. Name and approximate quantity of hazardous/toxic material involved:
5. Approximate extent of area contaminated: 50' \(\) 100 \(\)
6. Number and cause of injuries:
7a. Was the facility evacuated? Yes or No 7b. Was surrounding area evacuated? Yes or No 8. Brief description of incident: New five superission state inspection. State inspection (CAFE) and five system contractor (OTIE) opened supply values and noticed system when time alarm. One dispuser disclarate concentrated AFFF from at NE carner of Hayar I dousing one BlackHawk under my attendance. Fire top responded. Dru called to begin cleanly. Absorbant secks & spill drysorb applied & borned to protect storndrain and wishrack inter. About 100 gsl spilled. All lipids and used absorbant inclearials disposed into 50 gsl dryns, taken to Hazmat avea.

CALARNG FORM 200-1-8b (Rev 22 Feb 2010)

	Brief description of actions taken to mitigate incident: Absorbant and catalment sads used to prevent flow to stampain and reshreck in let	
	Legonl.	
_		
_		
10a.	. Which agencies and persons were notified of the incident? LOS AT FIVE, DPW, ENV.	, StateHQ Envir
10b	Name of station/newspaper: Yes or No	
	What measures have been taken to cleanup after the incident was abated by emergency conse agencies and/or facility personnel?	

12. What preventive measures (mechanical and/or procedural) could be taken in the future to minimize the possibility of this incident occurring again? Fire system depressived, and locked ort until freely

After this report is completed it is to be mailed, faxed or emailed to the California Army National Guard Environmental Programs Directorate within 72 hours of the incident. Copy is to be furnished to unit's next higher headquarters Environmental Staff Advisor.

Military Department 9800 Goethe Road, Box 17 Sacramento, CA 95827-3561

Fax: (916) 361-3438

Email: Michael.b.holder@us.army.mil

E	Generator's Name and Malling Address	14 - 14	Generator's Site Address	MBhilliothabhaidh	DESCRIPTION AND PROPERTY.	idress)	
1	Waste Manifest Evernpt Generalize Symmetry Mallog Moderns Teint Forces Training Base Loss 1206 Lexington Ave AH: Adam PS Namitus CA 90720	Dement :					
K	es exemitis. CA 90720	The Contact of the Co					
11.	Transporter & Company Marie Sterievele Speciaty Waste Solu Transporter & Company Marie	tour la			MN	S 000	1109
7	Transporter 2 Company Name	1.0103			U.S. EPA		
	Designated Facility Name and Site Address				U.S. EPA I	D Number	
1	Flure Witer Works						
	910 Roberter Ave A 91729 9	09-476-	9492		1		
Ш	9. Waste Shipping Name and Description		10. Con	-	11. Total	12. Unit Wt./Vol.	
1	Non-Hazardous Waste, Liquid		No.	Туре	Quantity	WL/VOI.	
RATTO	(Water with AFFF Solution)		1	TT	1400	G	
SENE	2						
H							
Ш	3.						
Ш							
Ш	4.						
11							
11	13. Special Handling Instructions and Additional Information 1.) Prof. (c 6417,5NC				Job#	2:	1879
П					00011	-	
11	1111111111	1	/.				
Ш	Allweight, and rolume are appril 14. GENERATOR S/OFFERORS CERTIFICATION: I hereby declare that the contemparate and labeled placarded, and are in all respects in proper condition for team	is of this consignment a	re fully and accurately ses	eer pointed above	pe LIL	en ho	ndling
11	marked and labeled/placarded, and are in all respects in proper condition for trans Generator's/Offeror's Printed Typed Name BEHALF OF 301N	shoul accounting to abbit	able international and nati	onal governm	nental regulations.	pping name, a	nd are classified
	FOSTER SANDERS BY	+7=	Aut o	mele			3
BAT	Transporter Signature (for exports only):	Export from t	Port of en Date leavi				
TER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed Typed Name	Sin		1			
	Transporter 2 Prentad Typed Name		7-9-11	,			Month 103 13
TEM	зтанарилот с Ртенью з уумо жате	Si	hature				Month
A	17 Discrepancy Indication Space						
	17a. Decrepancy Indication Space Quantity	ype	Residue		Partial Reje	ection	Fu
H	17b. Attemate Facility (or Generator)		Manifest Reference N	lumber			
					U.S. EPA ID N	lumber	
					1		
TO PACE	[Section of the control of the cont						
							Month

Appendix A.4 JFTB LA EDR Report

EDR 5177516

Los Alamitos

Los Alamitos, CA 90720

Inquiry Number: 5177516.8

February 07, 2018

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

02/07/18

Site Name: Client Name:

Los Alamitos AECOM

Los Alamitos 12120 Shamrock Plaza Los Alamitos, CA 90720 Omaha, NE 68154

EDR Inquiry # 5177516.8 Contact: Jacquelyn Harrington



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:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2014	1"=1000'	Flight Year: 2014	USDA/NAIP
2010	1"=1000'	Flight Year: 2010	USDA/NAIP
2005	1"=1000'	Flight Year: 2005	USDA/NAIP
1994	1"=1000'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=1000'	Flight Date: September 06, 1990	USDA
1989	1"=1000'	Flight Date: August 22, 1989	USDA
1977	1"=1000'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=1000'	Flight Date: October 30, 1972	USGS
1963	1"=1000'	Flight Date: February 28, 1963	USGS
1953	1"=1000'	Flight Date: October 19, 1953	USDA
1947	1"=1000'	Flight Date: June 17, 1947	USGS
1938	1"=1000'	Flight Date: June 21, 1938	USDA
1928	1"=1000'	Flight Date: January 01, 1928	USGS

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.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.













INQUIRY #: 5177516.8

YEAR: 1989







INQUIRY #: 5177516.8

YEAR: 1972



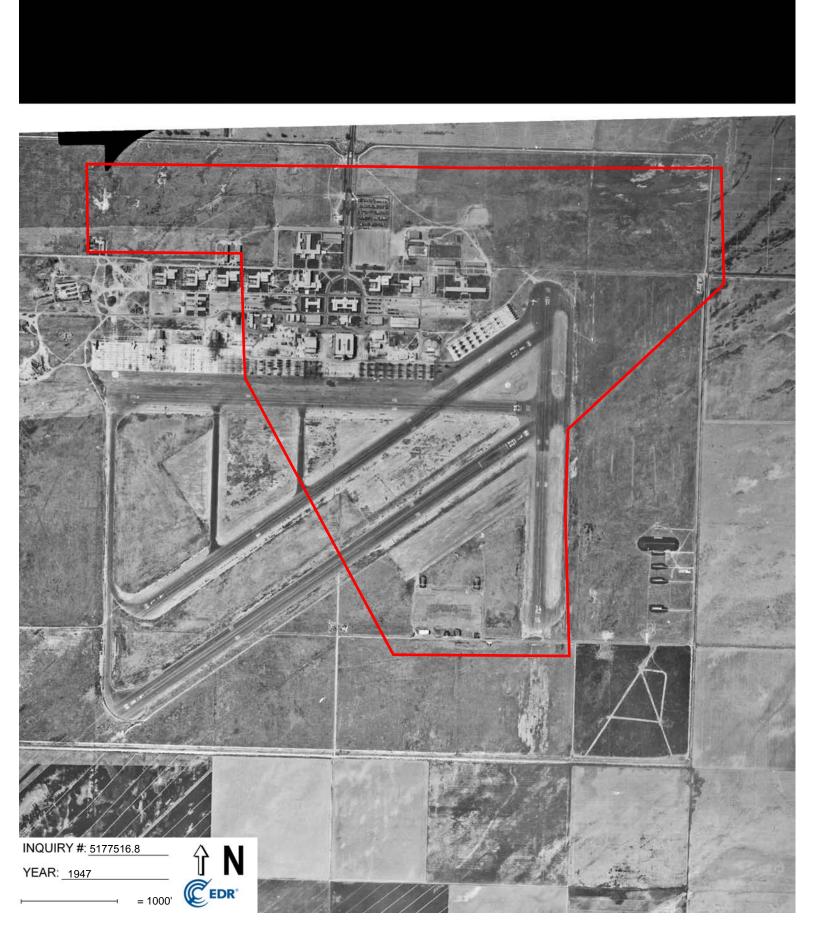


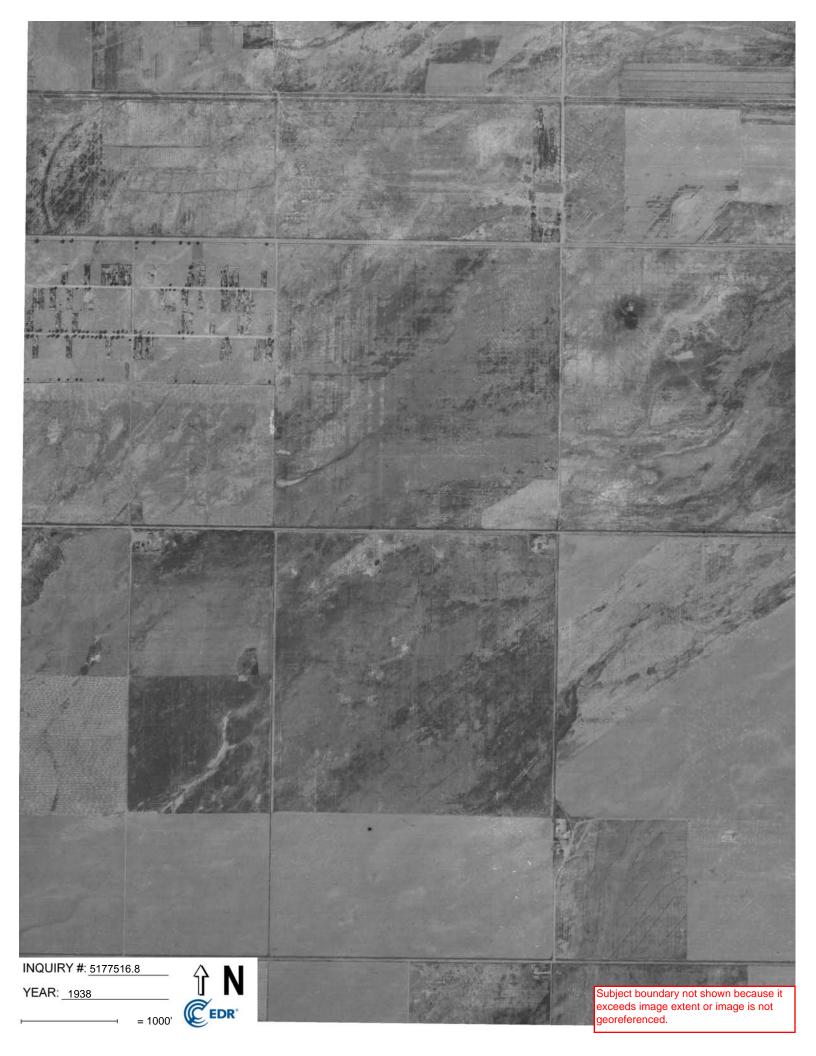
INQUIRY #: 5177516.8

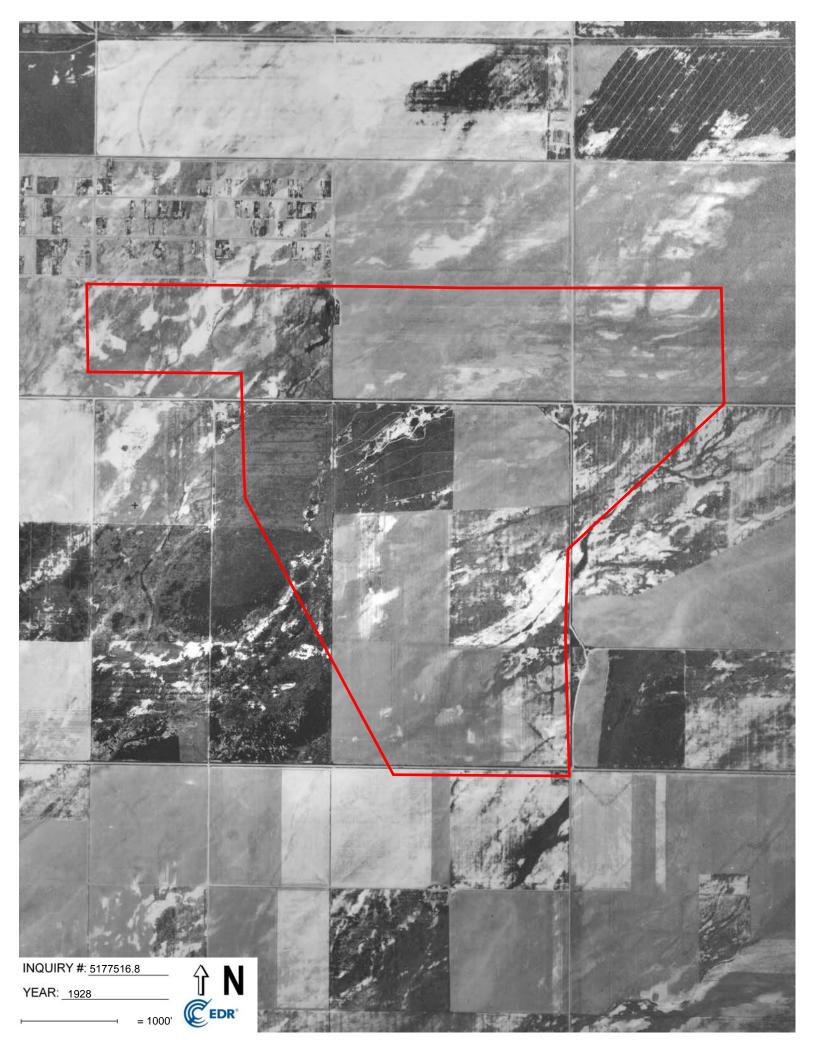
YEAR: 1963











Los Alamitos

Los Alamitos Los Alamitos, CA 90720

Inquiry Number: 5177516.2s

February 05, 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

SECTION	PAGE
Executive Summary	ES1
Overview Map.	2
Detail Map.	3
Map Findings Summary.	4
Map Findings.	
Orphan Summary.	226
Government Records Searched/Data Currency Tracking.	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map.	A-6
Physical Setting Source Map.	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

LOS ALAMITOS LOS ALAMITOS, CA 90720

COORDINATES

Latitude (North): 33.7902580 - 33° 47' 24.92" Longitude (West): 118.0538890 - 118° 3' 14.00"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 402432.8 UTM Y (Meters): 3739206.0

Elevation: 25 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5633745 LOS ALAMITOS, CA

Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: LOS ALAMITOS LOS ALAMITOS, CA 90720

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	SEAL BEACH NAVAL WEA		DOD	Same	4500, 0.852, South
Reg	LOS ALAMITOS ARMED F		DOD	Same	1 ft.
1	LOS ALAMITOS JFTB	4522 SARATOGA AVE BL	AST	Higher	1 ft.
A2	LOS ALAMITOS AFRC	11200 LEXINGTON DR	SLIC, WDS	Higher	1 ft.
3	JOINT FORCES TRAININ	BLDG 57 VALLEY FORGE	LUST	Higher	1 ft.
A4	JOINT FORCES TRAININ	BLDG 244 LEXINGTON	LUST	Higher	1 ft.
A5	DEPARTMENT OF THE AR	11200 LEXINGTON DR	UST	Higher	1 ft.
B6	CITY OF LOS ALAMITOS	LOS ALAMITOS BLVD BR	RCRA-SQG	Higher	1 ft.
C7	ARMED FORCES RESERVE	LEXINGTON & FARQUHAR	HIST CORTESE	Higher	1 ft.
B8	LOS ALAMITOS RACE CO	4961 KETELLA	SWEEPS UST	Higher	1 ft.
D9	JOINT FORCES TRAININ	BLDG 37 AIRCRAFT PAR	LUST	Higher	1 ft.
10	JOINT FORCES TRAININ	BDLG 27 BUNKER HILL	LUST	Higher	1 ft.
E11	NAS LOS ALAMITOS		ENVIROSTOR	Higher	1 ft.
E12	LOS ALAMITOS RAD BOM		ENVIROSTOR	Higher	1 ft.
D13	JOINT FORCES TRAININ	BLDG 43 AIRCRAFT PAR	LUST	Higher	1 ft.
14	TRIPLETT CLEANERS AF	4411 YORKTOWN AVE ST	EDR Hist Cleaner	Higher	1 ft.
C15	JOINT FORCES TRAININ	LEXINGTON & FARQUHAR	RESPONSE, ENVIROSTOR, LUST	Higher	9, 0.002, North
F16	ECS 16 & ASF 28	4235 YORKTOWN AVE	AST	Lower	128, 0.024, NW
F17	DEPARTMENT OF THE AR	4235 YORKTOWN AVEUNE	RCRA-LQG	Lower	128, 0.024, NW
F18		4235 YORKTOWN AVE BL	AST	Lower	128, 0.024, NW
F19	HQ 63D REG READINESS	4235 YORKTOWN AVE	RCRA NonGen / NLR	Lower	128, 0.024, NW
F20	AGROMIN LOS ALAMITOS	4216 CONSTITUTION AV	SWF/LF	Lower	155, 0.029, NW
F21		4216 CONSTITUTION AV	AST	Lower	155, 0.029, NW
C22	ARMED FORCES RESERUE	LEXINGTON DRIVE	HIST UST, RCRA NonGen / NLR	Higher	249, 0.047, North
23	AGROMIN OC	11200 LEXINGTON DR	AST	Higher	286, 0.054, North
24	LESIURE WORLD CLEANE	11151 MINDORA ST	EDR Hist Cleaner	Higher	536, 0.102, NE
G25	ENVIROCON INC	11082 WINNERS CIRCLE	RCRA NonGen / NLR, FINDS, ECHO	Higher	775, 0.147, NE
G26	K&A IMPORTS	11061 WINNER CIRCLE	RCRA-SQG, HAZNET	Higher	900, 0.170, NE
G27	K & A IMPORT SERVICE	11061 WINNERS CIRCLE	RCRA-SQG, FINDS, ECHO	Higher	900, 0.170, NE
H28	JOINT FORCES TRAININ	BLDG 2 DOOLITLE AVE.	LUST	Lower	1034, 0.196, WNW
H29	JOINT FORCES TRAININ	FORMER JP-4 FUEL FAR	LUST	Lower	1034, 0.196, WNW
H30	LOS ALAMITOS JFTB	LEXINGTON AVE	RCRA-LQG, HIST UST	Lower	1034, 0.196, WNW
H31	JOINT FORCES TRAININ	BLDG 158 DOOLITE AVE	LUST	Lower	1034, 0.196, WNW
H32	ARMY AIR FORCE EXCHA	BLDG 57	SWEEPS UST	Lower	1034, 0.196, WNW
133	COOLANT MANAGEMENT S	11052 VIA EL MERCADO	AST	Higher	1073, 0.203, NE
l34		11052 VIA EL MERCADO	AST	Higher	1073, 0.203, NE
35	TILOS EUROPEAN AUTOH	5300 KATELLA AVE	RCRA NonGen / NLR, FINDS, ECHO, HAZNET	Higher	1241, 0.235, NE
J36	RACER CLEANERS	5074 KATELLA AVE	DRYCLEANERS	Higher	1263, 0.239, NNE
J37	SERVICE STATION 5511	5100 KATELLA	HIST UST	Higher	1296, 0.245, NNE

MAPPED SITES SUMMARY

Target Property Address: LOS ALAMITOS LOS ALAMITOS, CA 90720

Click on Map ID to see full detail.

MAP	•		F	RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS		LEVATION	DIRECTION
J38	TOSCO 05680	5100 KATELLA	RCRA-LQG	Higher	1296, 0.245, NNE
J39	INNABI UNION 76 #1	5100 KATELLA AVE	SWEEPS UST, CA FID UST, HAZNET, HIST CORTESE	Higher	1296, 0.245, NNE
J40	H&S ENERGY LLC #16	5100 KATELLA AVE	UST	Higher	1296, 0.245, NNE
J41	UNION OIL SERVICE ST	5100 KATELLA	LUST, HIST UST	Higher	1296, 0.245, NNE
K42	MAGIC CLEANERS	4276 KATELLA AVENUE	SLIC	Higher	1303, 0.247, NNW
K43	DIVERSICARE	4290 KATELLA AVE	RCRA-SQG, FINDS, ECHO	Higher	1303, 0.247, NNW
K44	MAGIC CLEANERS	4276 KATELLA AVE	RCRA-SQG, SLIC, FINDS, ECHO, HAZNET	Higher	1303, 0.247, NNW
J45	LOS ALAMITOS RACE TR	4961 E KATELLA	RCRA-SQG, LUST, SWEEPS UST, CA FID UST, Orange Co	o Higher	1425, 0.270, NNE
J46	LARC CAFO AREA IMPRO	4961 KATELLA AVE	LUST, ENF, HIST CORTESE, NPDES	Higher	1425, 0.270, NNE
47	REPLANET LLC	5401 KATELLA AVE	SWRCY, CHMIRS	Higher	1433, 0.271, NE
48	DOMINION PROPERTY	4281 KATELLA	LUST, HIST UST, HIST CORTESE	Higher	1629, 0.309, NNW
49	LOS ALAMITOS MERCURY	3772 KATELLA BLVD.	SEMS	Lower	1674, 0.317, NW
L50	TGI	3882 FLORISTA ST	LUST, Orange Co. Industrial Site, RCRA NonGen /	Higher	1759, 0.333, NNW
L51	SAFETY - KLEEN CORP	3876 FLORISTA ST	ENVIROSTOR, UST, VCP, SWEEPS UST, Financial	Higher	1764, 0.334, NNW
L52	SAFETY KLEEN CORP 7	3876 FLORISTA ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG,	. Higher	1764, 0.334, NNW
M53	YOUR CLEANER & LAUND	5234 LAMPSON AVENUE	SLIC	Lower	1811, 0.343, SE
M54	BOLSA CHICA CHANNEL	5250 LAMPSON AVE	SLIC	Lower	1841, 0.349, SE
M55	JERRY GIRAGOSSIAN	5262 LAMPSON AVE	LUST, HIST UST	Lower	1865, 0.353, SE
M56	ARCO PRODUCTS COMPAN	5262 LAMPSON AVE	LUST, HAZNET	Lower	1865, 0.353, SE
M57	ARCO #3015	5262 LAMPSON AVE	LUST, HIST CORTESE, Notify 65	Lower	1865, 0.353, SE
58	CYPRESS GOLF CLUB	4921 KATELLA	LUST, NPDES	Higher	1986, 0.376, NNE
59	DELANEY SASH & DOOR	10850 PORTAL DR	RCRA-SQG, LUST, HIST UST, FINDS, ECHO, HIST	Higher	1996, 0.378, NNW
60	ORANGE COUNTY FIRE S	3642 GREEN AVE	LUST, HIST CORTESE	Lower	1999, 0.379, NW
N61	LOS ALAMITOS ELEMENT	10862 BLOOMFIELD STR	ENVIROSTOR, SCH	Higher	2052, 0.389, NNW
N62	LOS ALAMITOS UNIFIED	10862 BLOOMFIELD STR	US BROWNFIELDS, FINDS	Higher	2052, 0.389, NNW
O63	ARROWHEAD PRODUCTS	4411 KATELLA AVENUE	ENVIROSTOR	Higher	2140, 0.405, North
O64	FEDERAL MOGUL CORP -	4411 KATELLA AVENUE	ENVIROSTOR, EMI, HAZNET	Higher	2140, 0.405, North
O65	FEDERAL MOGUL CORP-A	4411 KATELLA	SEMS-ARCHIVE, RCRA-LQG	Higher	2140, 0.405, North
P66	MR C'S AUTO	10821 KYLE ST C	LUST	Higher	2179, 0.413, NNW
P67	MR. C'S AUTO	10821 KYLE C	HIST CORTESE	Higher	2179, 0.413, NNW
68	TEXACO	11250 LOS ALAMITOS	LUST, SWEEPS UST, HIST UST, CA FID UST, HIST	Lower	2449, 0.464, WNW
69	EXXON #7-1433	11171 LOS ALAMITOS B	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Lower	2585, 0.490, NW
70	GRANADA CLEANERS	3391 KATELLA AVENUE	ENVIROSTOR, VCP	Lower	3318, 0.628, NW
71	VAREC DIV, EMERSON E	10800 VALLEY VIEW ST	ENVIROSTOR, Orange Co. Industrial Site, EMI,	Higher	4571, 0.866, NE
72	MONTE COLLINS BACKHO	3342 CERRITOS AVE	RCRA-SQG, ENVIROSTOR, LUST, HIST UST, CA FID UST	, Lower	5004, 0.948, NW

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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 Proposed NPL NPL LIENS	Proposed National Priority List Sites
Federal Delisted NPL site lis	st
Delisted NPL	National Priority List Deletions
Federal CERCLIS list	
FEDERAL FACILITY	Federal Facility Site Information listing
Federal RCRA generators li	st
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
Federal institutional control	ls / engineering controls registries
US ENG CONTROLS	Land Use Control Information System Engineering Controls Sites List Sites with Institutional Controls
Federal ERNS list	
ERNS	Emergency Response Notification System
State and tribal leaking stor	age tank lists
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
State and tribal registered s	storage tank lists
FEMA USTINDIAN UST	Underground Storage Tank Listing Underground Storage Tanks on Indian Land
State and tribal voluntary cl	leanup sites
INDIAN VCP	Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database HAULERS_____Registered Waste Tire Haulers Listing

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites Database

SCH...... School Property Evaluation Program

CDL...... Clandestine Drug Labs Toxic Pits...... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System CHMIRS..... California Hazardous Material Incident Report System LDS...... Land Disposal Sites Listing MCS...... Military Cleanup Sites Listing

Orange Co. Industrial Site____ List of Industrial Site Cleanups SPILLS 90 data from FirstSearch

Other Ascertainable Records

Formerly Used 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

Act)/TSCA (Toxic Substances Control Act)

..... 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

FINDS..... Facility Index System/Facility Registry System

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing ECHO..... Enforcement & Compliance History Information

FUELS PROGRAM...... EPA Fuels Program Registered Listing CA BOND EXP. PLAN...... Bond Expenditure Plan

Cortese "Cortese" Hazardous Waste & Substances Sites List CUPA Listings CUPA Resources List

EMI..... Emissions Inventory Data ENF..... Enforcement Action Listing

Financial Assurance Information Listing

HAZNET..... Facility and Manifest Data

ICE.....ICE

HWT...... Registered Hazardous Waste Transporter Database

MINES..... Mines Site Location Listing

MWMP..... Medical Waste Management Program Listing

NPDES...... NPDES Permits Listing PEST LIC...... Pesticide Regulation Licenses Listing

PROC..... Certified Processors Database UIC......UIC Listing WASTEWATER PITS...... Oil Wastewater Pits Listing

WDS..... Waste Discharge System WIP..... Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR Hist Auto...... EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF...... Recovered Government Archive Solid Waste Facilities List

RGA LUST...... Recovered Government Archive Leaking Underground Storage Tank

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 list

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS MERCURY	3772 KATELLA BLVD.	NW 1/4 - 1/2 (0.317 mi.)	49	99

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 12/11/2017 has revealed that there

are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFETY KLEEN CORP 7	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L52	110
FEDERAL MOGUL CORP-A	4411 KATELLA	N 1/4 - 1/2 (0.405 mi.)	O65	180

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFETY KLEEN CORP 7	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L52	110

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFETY KLEEN CORP 7	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L52	110

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOSCO 05680	5100 KATELLA	NNE 1/8 - 1/4 (0.245 mi.)	J38	63
Lower Elevation	Address	Direction / Distance	Map ID	Page
DEPARTMENT OF THE AR	4235 YORKTOWN AVEUNE	NW 0 - 1/8 (0.024 mi.)	F17	25

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS JFTB	LEXINGTON AVE	WNW 1/8 - 1/4 (0.196 mi.)	H30	47

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LOS ALAMITOS	LOS ALAMITOS BLVD BR	0 - 1/8 (0.000 mi.)	B6	12
K&A IMPORTS	11061 WINNER CIRCLE	NE 1/8 - 1/4 (0.170 mi.)	G26	41
K & A IMPORT SERVICE	11061 WINNERS CIRCLE	NE 1/8 - 1/4 (0.170 mi.)	G27	43
DIVERSICARE	4290 KATELLA AVE	NNW 1/8 - 1/4 (0.247 mi.)	K43	74
MAGIC CLEANERS	4276 KATELLA AVE	NNW 1/8 - 1/4 (0.247 mi.)	K44	<i>7</i> 5

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOINT FORCES TRAININ	LEXINGTON & FARQUHAR	N 0 - 1/8 (0.002 mi.)	C15	20

Database: RESPONSE. Date of Government Version: 10/30/2017

Status: No Further Action Facility Id: 30490037

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/30/2017 has revealed that there are

11 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NAS LOS ALAMITOS Facility Id: 80000646 Status: Inactive - Needs Evaluation		0 - 1/8 (0.000 mi.)	E11	16
LOS ALAMITOS RAD BOM Facility Id: 80000425 Status: Inactive - Action Required		0 - 1/8 (0.000 mi.)	E12	17
JOINT FORCES TRAININ Facility Id: 30490037 Status: No Further Action	LEXINGTON & FARQUHAR	N 0 - 1/8 (0.002 mi.)	C15	20
SAFETY - KLEEN CORP Facility Id: 60001792 Status: Active	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L51	104
SAFETY KLEEN CORP 7 Facility Id: 80001452 Status: Active	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L52	110
Facility Id: 30590004 Facility Id: 60001323 Status: Inactive - Action Required Status: Certified	10862 BLOOMFIELD STR	NNW 1/4 - 1/2 (0.389 mi.)	N61	158
ARROWHEAD PRODUCTS Facility Id: 60002104 Status: Active	4411 KATELLA AVENUE	N 1/4 - 1/2 (0.405 mi.)	O63	171
FEDERAL MOGUL CORP - Facility Id: 30370008 Status: Refer: Local Agency	4411 KATELLA AVENUE	N 1/4 - 1/2 (0.405 mi.)	O64	172
VAREC DIV, EMERSON E Facility Id: 30990005 Status: Refer: 1248 Local Agency	10800 VALLEY VIEW ST	NE 1/2 - 1 (0.866 mi.)	71	215
Lower Elevation	Address	Direction / Distance	Map ID	Page
GRANADA CLEANERS Facility Id: 60002356 Status: Active	3391 KATELLA AVENUE	NW 1/2 - 1 (0.628 mi.)	70	211
MONTE COLLINS BACKHO Facility Id: 30280378 Status: Refer: Other Agency	3342 CERRITOS AVE	NW 1/2 - 1 (0.948 mi.)	72	217

State and tribal landfill and/or solid waste disposal site lists

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 Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within

approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AGROMIN LOS ALAMITOS	4216 CONSTITUTION AV	NW 0 - 1/8 (0.029 mi.)	F20	29
Database: SWF/LF (SWIS), Date of 0	Government Version: 11/13/2017			
Facility ID: 30-AB-0446				

Facility ID: 30-AB-0446 Operational Status: Inactive Regulation Status: Notification

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 24 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOINT FORCES TRAININ Database: LUST REG 8, Date of G Facility Status: Pollution Characteri Global ID: T0605960022		0 - 1/8 (0.000 mi.)	3	10
JOINT FORCES TRAININ Database: LUST REG 8, Date of G Facility Status: Leak being confirme Global ID: T0605901297		0 - 1/8 (0.000 mi.)	A4	11
JOINT FORCES TRAININ Database: LUST REG 8, Date of G Facility Status: Remedial action (cle Global ID: T0605926698		0 - 1/8 (0.000 mi.)	D9	14
JOINT FORCES TRAININ Database: LUST REG 8, Date of G Facility Status: Remedial action (cle Global ID: T060592093		0 - 1/8 (0.000 mi.)	10	15
JOINT FORCES TRAININ Database: LUST REG 8, Date of G Facility Status: Remedial action (cle Global ID: T0605911429		0 - 1/8 (0.000 mi.)	D13	18
JOINT FORCES TRAININ Database: LUST REG 8, Date of G Facility Status: Remedial action (cle Global ID: T0605912556		N 0 - 1/8 (0.002 mi.)	C15	20
UNION OIL SERVICE ST Database: ORANGE CO. LUST, Database: LUST REG 8, Date of G	5100 KATELLA ate of Government Version: 11/02/2017 overnment Version: 02/14/2005	NNE 1/8 - 1/4 (0.245 mi.)	J41	68

Database: LUST REG 8, Date of Government Version: 02/14/2005

Database: LUST, Date of Government Version: 12/11/2017

Status: Completed - Case Closed

Facility Id: 87UT114

Facility Status: Remedial action (cleanup) Underway

Global Id: T0605900471 Global ID: T0605900471 LOS ALAMITOS RACE TR 4961 E KATELLA NNE 1/4 - 1/2 (0.270 mi.) J45 78 Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605900836 Global ID: T0605902069 LARC CAFO AREA IMPRO 4961 KATELLA AVE NNE 1/4 - 1/2 (0.270 mi.) 86 Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Facility Id: 88UT153 Facility Id: 97UT016 Global Id: T0605900836 Global Id: T0605902069 **DOMINION PROPERTY** 4281 KATELLA NNW 1/4 - 1/2 (0.309 mi.) 48 96 Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Facility Id: 86UT013 Facility Status: Case Closed Global Id: T0605900747 Global ID: T0605900747 TGI 3882 FLORISTA ST NNW 1/4 - 1/2 (0.333 mi.) L50 100 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Facility Status: Case Closed Global Id: T0605900513 Global ID: T0605900513 SAFETY KLEEN CORP 7 3876 FLORISTA ST NNW 1/4 - 1/2 (0.334 mi.) L52 110 Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017 Status: Open - Site Assessment Facility Id: 90UT117 Facility Status: Pollution Characterization Global Id: T0605901155 Global ID: T0605901155 **CYPRESS GOLF CLUB** 4921 KATELLA NNE 1/4 - 1/2 (0.376 mi.) 58 145 Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Facility Id: 04UT011 Facility Status: Preliminary site assessment underway Global Id: T0605997341 Global ID: T0605997341 **DELANEY SASH & DOOR** 10850 PORTAL DR NNW 1/4 - 1/2 (0.378 mi.) 59 151 Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017

Status: Completed - Case Closed

Facility Id: 87UT118
Facility Status: Case Closed
Global Id: T0605900398
Global ID: T0605900398

MR C'S AUTO 10821 KYLE ST C NNW 1/4 - 1/2 (0.413 mi.) P66 196

Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017

Status: Completed - Case Closed

Facility Id: 90UT037 Facility Status: Case Closed Global Id: T0605901099 Global ID: T0605901099

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOINT FORCES TRAININ Database: LUST REG 8, Date of Go Facility Status: Remedial action (clear Global ID: T060653541		WNW 1/8 - 1/4 (0.196 mi.)	H28	44
JOINT FORCES TRAININ Database: LUST REG 8, Date of Go Facility Status: Preliminary site asses Global ID: T0605900553		WNW 1/8 - 1/4 (0.196 mi.)	H29	45
JOINT FORCES TRAININ Database: LUST REG 8, Date of Go Facility Status: Pollution Characteriz: Global ID: T0605900572		WNW 1/8 - 1/4 (0.196 mi.)	H31	57
JERRY GIRAGOSSIAN Database: LUST, Date of Governme Status: Completed - Case Closed Global Id: T0605900647	5262 LAMPSON AVE nt Version: 12/11/2017	SE 1/4 - 1/2 (0.353 mi.)	M55	139
ARCO PRODUCTS COMPAN Database: ORANGE CO. LUST, Dat Facility Id: 87UT201	5262 LAMPSON AVE e of Government Version: 11/02/2017	SE 1/4 - 1/2 (0.353 mi.)	M56	143
ARCO #3015 Database: LUST REG 8, Date of Go Facility Status: Case Closed Global ID: T0605900647	5262 LAMPSON AVE vernment Version: 02/14/2005	SE 1/4 - 1/2 (0.353 mi.)	M57	143
ORANGE COUNTY FIRE S Database: ORANGE CO. LUST, Dat Database: LUST REG 8, Date of Go Database: LUST, Date of Governme Status: Completed - Case Closed Facility Id: 92UT108 Facility Status: Case Closed Global Id: T0605901596 Global ID: T0605901596		NW 1/4 - 1/2 (0.379 mi.)	60	155
TEXACO Database: ORANGE CO. LUST, Dat	11250 LOS ALAMITOS e of Government Version: 11/02/2017	WNW 1/4 - 1/2 (0.464 mi.)	68	198

Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017

Status: Completed - Case Closed

Facility Id: 86UT200

Facility Status: Remediation Plan

Global Id: T0605900582 Global ID: T0605900582

EXXON #7-1433 11171 LOS ALAMITOS B NW 1/4 - 1/2 (0.490 mi.) 205

Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/11/2017

Status: Completed - Case Closed

Facility Id: 89UT166 Facility Status: Case Closed Global Id: T0605900498 Global ID: T0605900498

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there are 5 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS AFRC Database: SLIC REG 8, Date of Government	11200 LEXINGTON DR nent Version: 04/03/2008	0 - 1/8 (0.000 mi.)	A2	9
MAGIC CLEANERS Database: SLIC, Date of Government Ver Facility Status: Completed - Case Closed Global Id: SL0605979611		NNW 1/8 - 1/4 (0.247 mi.)	K42	73
MAGIC CLEANERS Database: SLIC REG 8, Date of Governmer Facility Status: Closed	4276 KATELLA AVE nent Version: 04/03/2008	NNW 1/8 - 1/4 (0.247 mi.)	K44	75
Lower Elevation	Address	Direction / Distance	Map ID	Page
YOUR CLEANER & LAUND Database: SLIC, Date of Government Ver Facility Status: Open - Site Assessment Global Id: T10000010247	5234 LAMPSON AVENUE rsion: 12/11/2017	SE 1/4 - 1/2 (0.343 mi.)	M53	137
BOLSA CHICA CHANNEL Database: SLIC REG 8, Date of Governm Database: SLIC, Date of Government Ver Facility Status: Completed - Case Closed	rsion: 12/11/2017	SE 1/4 - 1/2 (0.349 mi.)	M54	138

Global Id: SLT8R1144151

State and tribal registered storage tank lists

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 State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DEPARTMENT OF THE AR Database: UST, Date of Governme Facility Id: 19115	11200 LEXINGTON DR ent Version: 12/11/2017	0 - 1/8 (0.000 mi.)	A5	12
H&S ENERGY LLC #16 Database: UST, Date of Governme Database: ORANGE CO. UST, Da Facility Id: FA0051673 Facility Id: 18767	5100 KATELLA AVE ent Version: 12/11/2017 tte of Government Version: 11/02/2017	NNE 1/8 - 1/4 (0.245 mi.)	J40	67

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there are 7 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS JFTB	4522 SARATOGA AVE BL	0 - 1/8 (0.000 mi.)	1	8
AGROMIN OC	11200 LEXINGTON DR	N 0 - 1/8 (0.054 mi.)	23	37
COOLANT MANAGEMENT S	11052 VIA EL MERCADO	NE 1/8 - 1/4 (0.203 mi.)	133	58
Not reported	11052 VIA EL MERCADO	NE 1/8 - 1/4 (0.203 mi.)	134	59
Lower Elevation	Address	Direction / Distance	Map ID	Page
ECS 16 & ASF 28	4235 YORKTOWN AVE	NW 0 - 1/8 (0.024 mi.)	F16	24
Not reported	4235 YORKTOWN AVE BL	NW 0 - 1/8 (0.024 mi.)	F18	27
Not reported	4216 CONSTITUTION AV	NW 0 - 1/8 (0.029 mi.)	F21	30

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/30/2017 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFETY - KLEEN CORP Status: Active	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L51	104
Facility Id: 60001792				

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 08/21/2017 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS UNIFIED	10862 BLOOMFIELD STR	NNW 1/4 - 1/2 (0.389 mi.)	N62	168

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REPLANET LLC Cert Id: RC218172.001	5401 KATELLA AVE	NE 1/4 - 1/2 (0.271 mi.)	47	94

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS RACE CO Comp Number: 5314	4961 KETELLA	0 - 1/8 (0.000 mi.)	B8	14
INNABI UNION 76 #1 Status: A Tank Status: A Comp Number: 136	5100 KATELLA AVE	NNE 1/8 - 1/4 (0.245 mi.)	J39	64
Lower Elevation	Address	Direction / Distance	Map ID	Page
ARMY AIR FORCE EXCHA Status: A	BLDG 57	WNW 1/8 - 1/4 (0.196 mi.)	H32	58

Tank Status: A Comp Number: 12120

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARMED FORCES RESERUE Facility Id: 00000024870	LEXINGTON DRIVE	N 0 - 1/8 (0.047 mi.)	C22	31
SERVICE STATION 5511 Facility Id: 00000008023	5100 KATELLA	NNE 1/8 - 1/4 (0.245 mi.)	J37	62
UNION OIL SERVICE ST Facility Id: 00000056204	5100 KATELLA	NNE 1/8 - 1/4 (0.245 mi.)	J41	68
Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS JFTB Facility Id: 00000059423	LEXINGTON AVE	WNW 1/8 - 1/4 (0.196 mi.)	H30	47

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INNABI UNION 76 #1 Facility Id: 30000665	5100 KATELLA AVE	NNE 1/8 - 1/4 (0.245 mi.)	J39	64
Status: A				

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 09/13/2017 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARMED FORCES RESERUE	LEXINGTON DRIVE	N 0 - 1/8 (0.047 mi.)	C22	31
ENVIROCON INC	11082 WINNERS CIRCLE	NE 1/8 - 1/4 (0.147 mi.)	G25	38
TILOS EUROPEAN AUTOH	5300 KATELLA AVE	NE 1/8 - 1/4 (0.235 mi.)	35	59
Lower Elevation	Address	Direction / Distance	Map ID	Page
HQ 63D REG READINESS	4235 YORKTOWN AVE	NW 0 - 1/8 (0.024 mi.)	F19	28

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there are 2 DOD sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEAL BEACH NAVAL WEA		S 1/2 - 1 (0.852 mi.)	0	8
LOS ALAMITOS ARMED F		0 - 1/8 (0.000 mi.)	0	8

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 08/02/2017 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RACER CLEANERS EPA Id: CAL000345982 EPA Id: CAL000268799	5074 KATELLA AVE	NNE 1/8 - 1/4 (0.239 mi.)	J36	61

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 13 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARMED FORCES RESERVE Reg ld: 30490037	LEXINGTON & FARQUHAR	0 - 1/8 (0.000 mi.)	C7	13
INNABI UNION 76 #1 Reg ld: 083000585T	5100 KATELLA AVE	NNE 1/8 - 1/4 (0.245 mi.)	J39	64
LOS ALAMITOS RACE TR Reg ld: 083003034T	4961 E KATELLA	NNE 1/4 - 1/2 (0.270 mi.)	J45	78
LARC CAFO AREA IMPRO Reg ld: 083001061T	4961 KATELLA AVE	NNE 1/4 - 1/2 (0.270 mi.)	J46	86
DOMINION PROPERTY Reg Id: 083000939T	4281 KATELLA	NNW 1/4 - 1/2 (0.309 mi.)	48	96
TGI Reg ld: 083000642T	3882 FLORISTA ST	NNW 1/4 - 1/2 (0.333 mi.)	L50	100
SAFETY KLEEN CORP 7 Reg ld: 083001515T	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L52	110
DELANEY SASH & DOOR Reg ld: 083000498T	10850 PORTAL DR	NNW 1/4 - 1/2 (0.378 mi.)	59	151
MR. C'S AUTO	10821 KYLE C	NNW 1/4 - 1/2 (0.413 mi.)	P67	198

Reg Id: 083001449T

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #3015 Reg Id: 083000820T	5262 LAMPSON AVE	SE 1/4 - 1/2 (0.353 mi.)	M57	143
ORANGE COUNTY FIRE S Reg Id: 083002157T	3642 GREEN AVE	NW 1/4 - 1/2 (0.379 mi.)	60	155
TEXACO Reg Id: 083000733T	11250 LOS ALAMITOS	WNW 1/4 - 1/2 (0.464 mi.)	68	198
EXXON #7-1433 Reg ld: 083000623T	11171 LOS ALAMITOS B	NW 1/4 - 1/2 (0.490 mi.)	69	205

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/20/2017 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFETY KLEEN CORP 7	3876 FLORISTA ST	NNW 1/4 - 1/2 (0.334 mi.)	L52	110
EPA Id: CAD066177783				
Cleanup Status: LINDERGOING CLOSUR	F			

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/14/2017 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #3015	5262 LAMPSON AVE	SE 1/4 - 1/2 (0.353 mi.)	M57	143

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist

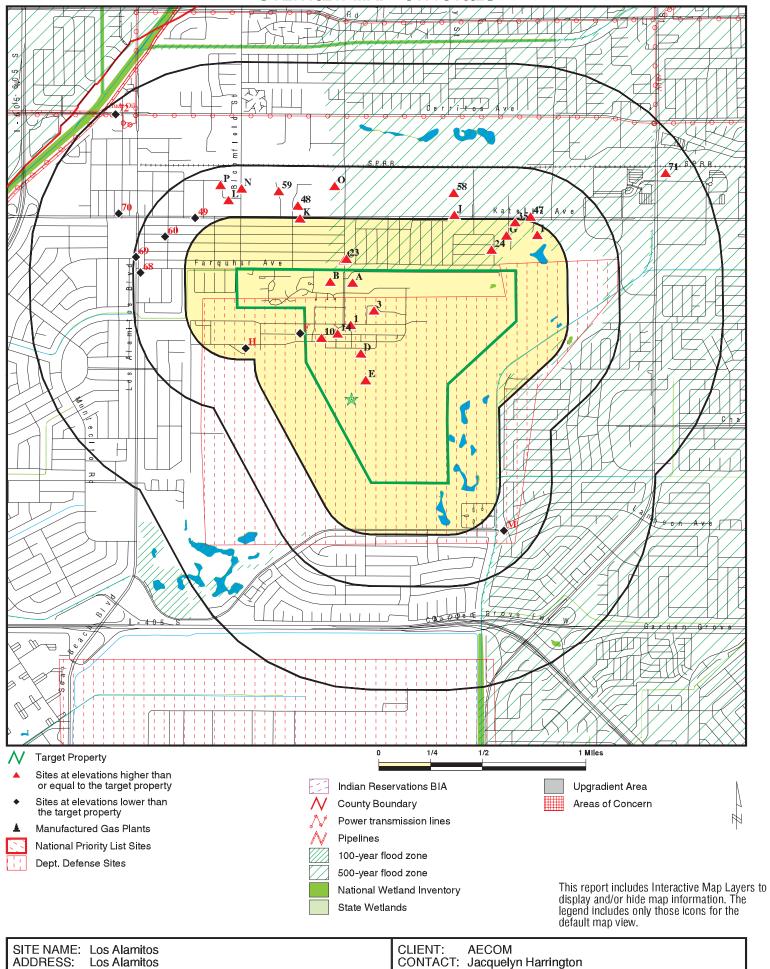
Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRIPLETT CLEANERS AF	4411 YORKTOWN AVE ST	0 - 1/8 (0.000 mi.)	14	19
LESIURE WORLD CLEANE	11151 MINDORA ST	NE 0 - 1/8 (0.102 mi.)	24	37

Due to poor or inadequate address information, the following sites were not mapped. Count: 21 records.

Site Name	Database(s)
JOINT FORCES TRAINING BASE, LOS AL	RGA LUST
JOINT FORCES TRAINING BASE, LOS AL	RGA LUST
JOINT FORCES TRAINING BASE, LOS AL	RGA LUST
JOINT FORCES TRAINING BASE, LOS AL	RGA LUST
JOINT FORCES TRAINING BASE, LOS AL	RGA LUST
JOINT FORCES TRAINING BASE, LOS AL	RGA LUST
JOINT FORCES TRAINING BASE, LOS AL	RGA LUST
LOS ALAMITOS READINESS CENTER HEAD	NPDES
LOS ALAMITOS ARMED FORCES RESERVE	FTTS
LOS ALAMITOS ARMED FORCES RESERVE	FTTS
	CDL
LOS ALAMITOS AFRC	HAZNET
JOINT FORCES TRAINING BASE (LOS AL	FINDS
JOINT FORCES TRAINING BASE (LOS AL	FINDS
CITY OF LOS ALAMITOS	FINDS, ECHO
JOINT FORCES TRAINING BASE (LOS AL	FINDS
CITY OF LOS ALAMITOS LVT OP.	RGA LF
LOS ALAMITOS ARMED FORCES RESERVE	RGA LF
LOS ALAMITOS AFRC LANDFILL	RGA LF
LOS ALAMITOS AIR FORCE RESERVE CEN	DOCKET HWC
LOS ALAMITOS JFTB LANDFILLS	RGA LF

OVERVIEW MAP - 5177516.2S



Los Alamitos CA 90720

33.790258 / 118.053889

LAT/LONG:

February 05, 2018 1:00 pm

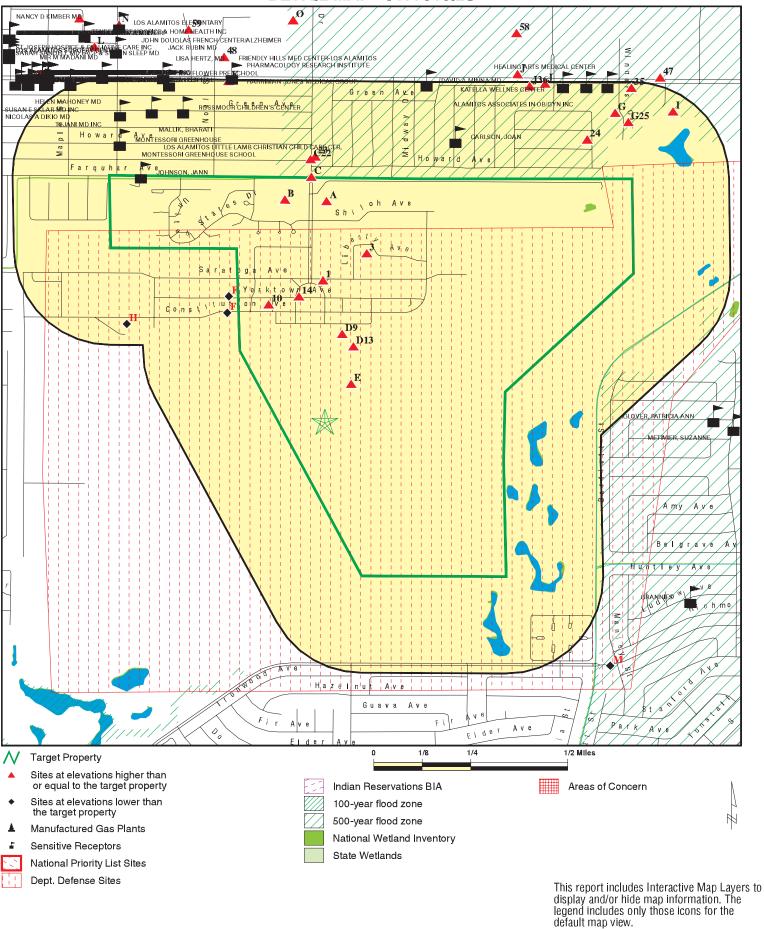
Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

5177516.2s

INQUIRY #:

DATE:

DETAIL MAP - 5177516.2S



SITE NAME: Los Alamitos
ADDRESS: Los Alamitos
Los Alamitos CA 90720
LAT/LONG: 33.790258 / 118.053889

CLIENT: AECOM
CONTACT: Jacquelyn Harrington
INQUIRY #: 5177516.2s
DATE: February 05, 2018 1:04 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
STANDARD ENVIRONMEN	TAL RECORDS								
Federal NPL site list									
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0	
Federal Delisted NPL sit	e list								
Delisted NPL	1.000		0	0	0	0	NR	0	
Federal CERCLIS list									
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 1	NR NR	NR NR	0 1	
Federal CERCLIS NFRA	P site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2	
Federal RCRA CORRACTS facilities list									
CORRACTS	1.000		0	0	1	0	NR	1	
Federal RCRA non-COR	RACTS TSD f	acilities list							
RCRA-TSDF	0.500		0	0	1	NR	NR	1	
Federal RCRA generator	rs list								
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		1 1 0	2 4 0	NR NR NR	NR NR NR	NR NR NR	3 5 0	
Federal institutional controls / engineering controls registries									
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Federal ERNS list									
ERNS	TP		NR	NR	NR	NR	NR	0	
State- and tribal - equiva	alent NPL								
RESPONSE	1.000		1	0	0	0	NR	1	
State- and tribal - equivalent CERCLIS									
ENVIROSTOR	1.000		3	0	5	3	NR	11	
State and tribal landfill and/or solid waste disposal site lists									
SWF/LF	0.500		1	0	0	NR	NR	1	
State and tribal leaking	storage tank l	ists							
LUST	0.500		6	4	14	NR	NR	24	

	Search Distance	Target						Total	
Database	(Miles)	Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Plotted	
INDIAN LUST SLIC	0.500 0.500		0 1	0 2	0 2	NR NR	NR NR	0 5	
State and tribal registered	d storage tan	ık lists							
FEMA UST UST AST	0.250 0.250 0.250		0 1 5	0 1 2	NR NR NR	NR NR NR	NR NR NR	0 2 7	
INDIAN UST	0.250		0	0	NR	NR	NR	0	
State and tribal voluntary	•	es							
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 1	NR NR	NR NR	0 1	
State and tribal Brownfield	lds sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0	
ADDITIONAL ENVIRONMENT	TAL RECORDS	<u>3</u>							
Local Brownfield lists									
US BROWNFIELDS	0.500		0	0	1	NR	NR	1	
Local Lists of Landfill / Solid Waste Disposal Sites									
WMUDS/SWAT SWRCY HAULERS INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 TP 0.500 0.500 0.500		0 0 NR 0 0 0	0 0 NR 0 0 0	0 1 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 1 0 0 0 0	
Local Lists of Hazardous Contaminated Sites	Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL HIST Cal-Sites SCH CDL Toxic Pits US CDL	TP 1.000 0.250 TP 1.000 TP		NR 0 0 NR 0 NR	NR 0 0 NR 0 NR	NR 0 NR NR 0 NR	NR 0 NR NR 0 NR	NR NR NR NR NR NR	0 0 0 0 0	
Local Lists of Registered Storage Tanks									
SWEEPS UST HIST UST CA FID UST	0.250 0.250 0.250		1 1 0	2 3 1	NR NR NR	NR NR NR	NR NR NR	3 4 1	
Local Land Records									
LIENS LIENS 2 DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0	
Records of Emergency Release Reports									
HMIRS	TP		NR	NR	NR	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS LDS MCS Orange Co. Industrial Site SPILLS 90	TP TP TP TP TP		NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	0 0 0 0
Other Ascertainable Reco	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES ABANDONED MINES	0.250 1.000 1.000 0.500 TP TP TP 0.250 TP TP TP 1.000 TP		2 0 1 0 RR 0 RR NO NRR O RR RR RR RR O NRR O O O O O	2 0 0 0 RR O RR O RR NO	N O O O N N N N N N O N N N N N N N N N	N O 1 N N N N N N N N N N N N N N N N N	R R R R R R R R R R R R R R R R R R R	4 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FINDS UXO DOCKET HWC ECHO FUELS PROGRAM CA BOND EXP. PLAN Cortese CUPA Listings DRYCLEANERS EMI ENF Financial Assurance	TP 1.000 TP TP 0.250 1.000 0.500 0.250 TP TP TP		NR 0 NR 0 0 0 0 NR NR NR	NR 0 NR NR 0 0 1 NR NR NR	NR 0 NR NR 0 0 NR NR NR NR NR	NR 0 NR NR 0 NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0 0 1 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	1	11	NR	NR	13
HWP	1.000		0	0	1	0	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500 1.000		0 0	0 0	0 1	NR 0	NR NR	0 1
Notify 65 UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICA EDR Exclusive Records	AL RECORDS							
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Go	ovt. Archives							
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
			1411	1411	1411	1411	1411	Ü
- Totals		0	28	25	42	4	0	99

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) EPA ID Number

DOD SEAL BEACH NAVAL WEAPONS STATION DOD CUSA143790 Region N/A

South 1/2-1 4500 ft.

th SEAL BEACH NAVAL WEAPONS (County), CA

DOD:

Feature 1: Navy DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported

Name 1: Seal Beach Naval Weapons Station

Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes

Tile name: CAORANGE

DOD LOS ALAMITOS ARMED FORCES RESERVE CENTER DOD CUSA143754
Region N/A

LOS ALAMITOS ARMED FORCES (County), CA

< 1/8 1 ft.

DOD:

Feature 1: Army DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported

Name 1: Los Alamitos Armed Forces Reserve Center

Name 2: Not reported Name 3: Not reported State: CA
DOD Site: Yes

Tile name: CAORANGE

1 LOS ALAMITOS JFTB AST A100421925 4522 SARATOGA AVE BLDG 15 N/A

< 1/8 LOS ALAMITOS, CA 90720

1 ft.

AST:

Relative: Certified Unified Program Agencies: Not reported

Higher Owner: California Army Guard Military Department

Total Gallons: Not reported

Actual: CERSID: 10407334

26 ft. Facility ID: Not reported

Business Name: California Army National Guard

Phone: (562)795-2564 Fax: Not reported

Mailing Address: 4522 SARATOGA AVE, BLDG 15

Mailing Address City: LOS ALAMITOS

Mailing Address State: CA
Mailing Address Zip Code: 90720

Operator Name: LOS ALAMITOS JOINT FORCES TRAINING BASE

Operator Phone: (562)795-2564 Owner Phone: (916)854-3000

Owner Mail Address: 9800 GOETHE ROAD, BOX 17

EDR ID Number

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

LOS ALAMITOS JFTB (Continued)

A100421925

S101854103

N/A

SLIC

WDS

Owner State: CA 95827 Owner Zip Code: Owner Country: **United States** Property Owner Name: Not reported Property Owner Phone: Not reported Property Owner Mailing Address: Not reported Not reported Property Owner City: Not reported Property Owner Stat: Property Owner Zip Code: Not reported Property Owner Country: Not reported EPAID: CA8572890517

A2 LOS ALAMITOS AFRC

11200 LEXINGTON DR

< 1/8 LOS ALAMITOS, CA 90720 1 ft.

Site 1 of 3 in cluster A

Relative: Higher SLIC REG 8:

Type: Soil and Groundwater

Facility Status: 39697

Actual:Staff:John Broderick, Tel 909-782-4494, SPECIAL PROJECTS27 ft.Substance:TPH,SOLVENTS

Lead Agency: Regional Board

Location Code: LOS-1 Thomas Bros Code: 797-B3

WDS:

Facility ID: Santa Ana River 30I013435

Facility Type: Industrial - Facility that treats and/or disposes of liquid or

semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water

pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is

under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7

are assigned by the Regional Board

Subregion: 8

Facility Telephone: 5627952076 Facility Contact: TROY HARDIN

Agency Name: CA ARMY NATIONAL GUARD - SACTO

Agency Address: PO BOX 269101

Agency City, St, Zip: SACRAMENTO 958269101

Agency Contact: KENNETH KOOP Agency Telephone: 9168543606 Agency Type: State SIC Code: 4213 SIC Code 2: Not reported Primary Waste Type: Not reported Primary Waste: Not reported Waste Type2: Not reported Not reported Waste2: Primary Waste Type: Not reported Secondary Waste: Not reported Secondary Waste Type: Not reported

Direction Distance

3

Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS AFRC (Continued)

S101854103

EDR ID Number

Design Flow: 0 Baseline Flow: 0

Not reported Reclamation: POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order

> should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to

represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as

cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as

Not reported

Not reported Not reported

Not reported

dairy waste ponds.

JOINT FORCES TRAINING BASE, LOS ALAMITOS BLDG 57 VALLEY FORGE AVE.

LUST S106784674 N/A

< 1/8 LOS ALAMITOS, CA 90720 1 ft.

LUST REG 8:

GW Qualifies:

Soil Qualifies:

Operator: Facility Contact:

8 Region: Relative: Orange County: Higher

Regional Board: Santa Ana Region

Actual: Facility Status: Pollution Characterization 27 ft. Case Number: 083000993T

Local Case Num: Not reported Soil only Case Type: Substance: 68476302 Qty Leaked: Not reported Abate Method: Not reported Cross Street: LIBERTY ST. Enf Type: Not reported

Funding:

How Discovered: Not reported How Stopped: Not reported Not reported Leak Cause: Not reported Leak Source: Global ID: T0605960022 How Stopped Date: Not reported Not reported Enter Date: Not reported Date Confirmation of Leak Began: Date Preliminary Assessment Began: Not reported Discover Date: Not reported **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 7/30/1992 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784674

Interim: Not reported DOD Oversite Program: 33.7967854 Latitude: Longitude: -118.0523729 MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class: JCB Staff: Staff Initials: SAS

Lead Agency: Regional Board

30000L Local Agency:

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

JOINT FORCES TRAINING BASE, LOS ALAMITOS

Α4 **BLDG 244 LEXINGTON**

LUST S106784656 N/A

Orange

< 1/8 LOS ALAMITOS, CA 90720

1 ft.

Site 2 of 3 in cluster A

County:

LUST REG 8: Relative: Region: Higher

Actual: Regional Board: Santa Ana Region 27 ft. Facility Status: Leak being confirmed

Case Number: 083001711T Local Case Num: Not reported Soil only Case Type: Substance: Regular Gasoline Not reported Qty Leaked: Abate Method: soil removal Cross Street: main gate Enf Type: Not reported

Funding:

How Discovered: Tank Closure How Stopped: Not reported Leak Cause: Corrosion Leak Source: Piping Global ID: T0605901297 How Stopped Date: 9/25/1990 Enter Date: 12/16/1990 Date Confirmation of Leak Began: 9/27/1990 Date Preliminary Assessment Began: Not reported 9/14/1990 Discover Date: Enforcement Date: Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Not reported Date Remedial Action Underway:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784656

Date Post Remedial Action Monitoring: Not reported 12/16/1990 Enter Date: **GW Qualifies:** Not reported

Soil Qualifies:

Operator: Not reported Facility Contact: Not reported Interim: Yes DOD Oversite Program: Latitude: 33.798232 Longitude: -118.0537756 MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration: 1 Max MTBE Soil: 100 MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class:

JCB Staff: Staff Initials: SAS

Regional Board Lead Agency:

30000L Local Agency:

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Not reported Work Suspended:

Summary: gasoline station, 3-10,000 gal. fiberglass USTs & 500 gal. waste UST

Α5 **DEPARTMENT OF THE ARMY**

> 11200 LEXINGTON DR LOS ALAMITOS, CA 90720

< 1/8 1 ft.

Site 3 of 3 in cluster A

UST: Relative:

Facility ID: 19115 Higher

Permitting Agency: ORANGE COUNTY Actual: 33.7969127 Latitude: 27 ft. Longitude: -118.0509749

В6 **CITY OF LOS ALAMITOS** 1000978170 RCRA-SQG LOS ALAMITOS BLVD BRIDGE OVER CA0000939223

< 1/8 LOS ALAMITOS, CA 90720

1 ft.

Site 1 of 2 in cluster B

RCRA-SQG: Relative:

Date form received by agency: 11/22/1994 Higher

Facility name: CITY OF LOS ALAMITOS

Actual: Facility address: LOS ALAMITOS BLVD BRIDGE OVER 26 ft.

COYOTE CREEK

LOS ALAMITOS, CA 90720

EPA ID: CA0000939223 Mailing address: KATELLA AVE

LOS ALAMITOS, CA 90720

Contact: DAVID COX UST

U003779596

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CITY OF LOS ALAMITOS (Continued)

1000978170

EDR ID Number

Contact address: 3191 KATELLA AVE

LOS ALAMITOS, CA 90720

US Contact country:

310-431-3538 Contact telephone: Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CITY OF LOS ALAMITOS Owner/operator address: 3191 KATELLA AVE

LOS ALAMITOS, CA 90720

Owner/operator country: Not reported Owner/operator telephone: 310-431-3538 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Municipal 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: 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: Nο

Violation Status: No violations found

ARMED FORCES RESERVE CENT **C7**

LEXINGTON & FARQUHAR AVES

LOS ALAMITOS, CA < 1/8

1 ft.

Site 1 of 3 in cluster C

HIST CORTESE: Relative:

CORTESE Region: Higher

Facility County Code: 30 Actual: Reg By: **CALSI** 26 ft. 30490037 Reg Id:

HIST CORTESE \$102361442

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

B8 LOS ALAMITOS RACE COURSE **SWEEPS UST** S106928810 N/A

4961 KETELLA

< 1/8 LOS ALAMITOS, CA 90720

1 ft.

Site 2 of 2 in cluster B

SWEEPS UST: Relative:

Higher Status: Not reported Comp Number: 5314

Actual: Number: Not reported 26 ft. Board Of Equalization: Not reported

Referral Date: Not reported Action Date: Not reported Not reported Created Date: Not reported Owner Tank Id:

SWRCB Tank Id: 30-000-005314-000005

Tank Status: Not reported Capacity: 10000 Active Date: Not reported Tank Use: UNKNOWN STG: **PRODUCT** Content: Not reported

Number Of Tanks: 6

BLDG 37 AIRCRAFT PARKING RAMP

< 1/8 LOS ALAMITOS, CA 90720

1 ft.

D9

Site 1 of 2 in cluster D

LUST REG 8: Relative: Region: Higher

County: Orange Actual: Regional Board: Santa Ana Region

JOINT FORCES TRAINING BASE, LOS ALAMITOS

26 ft. Facility Status: Remedial action (cleanup) Underway

Case Number: 083003839T Not reported Local Case Num: Soil only Case Type: Substance: 68476302 Not reported Qty Leaked: Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported

Funding:

How Discovered: Tank Closure How Stopped: Not reported Leak Cause: UNK Leak Source: UNK

Global ID: T0605926698 How Stopped Date: Not reported Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: Not reported **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported 10/2/1989 Date Pollution Characterization Began: Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 3/15/1994

LUST S106784774

Direction Distance

Elevation Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784774

EDR ID Number

Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies: <

Soil Qualifies: Not reported Operator: Not reported Not reported Facility Contact: Interim: Yes DOD Oversite Program: Latitude: 33.7940899 Longitude: -118.0534574 MTBE Date: 11/30/1995

Max MTBE GW: 5
MTBE Concentration: 1

Max MTBE Soil: Not reported

MTBE Fuel: 0

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: C
Staff: JCB
Staff Initials: SAS

Lead Agency: Regional Board

Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: MS_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Summary: tank closed-in-place, surrounding contaminate soil was removed

10 JOINT FORCES TRAINING BASE, LOS ALAMITOS BDLG 27 BUNKER HILL AVE.

LUST S106784657 N/A

< 1/8 LOS ALAMITOS, CA 90720

1 ft.

LUST REG 8:

Relative:Region:8HigherCounty:Orange

Regional Board: Santa Ana Region

Actual: Facility Status: Remedial action (cleanup) Underway
25 ft. Case Number: 083003834T

Local Case Num:

Case Type:

Soil only

Substance:

Qty Leaked:

Abate Method:

Cross Street:

Enf Type:

Not reported

Not reported

YORKTOWN AVE.

Not reported

Funding: D

How Discovered: Tank Closure How Stopped: Not reported Leak Cause: Corrosion Leak Source: Piping Global ID: T060592093 10/15/1987 How Stopped Date: Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 10/15/1987 **Enforcement Date:** Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784657

Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 10/2/1989 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 3/15/1994 Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies:

Soil Qualifies: Not reported Operator: Not reported Not reported Facility Contact: Interim: Not reported DOD Oversite Program: Latitude: 33.794638 -118.056436 Longitude: MTBE Date: 9/21/1998 Max MTBE GW: MTBE Concentration: 1

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: D

JCB Staff: Staff Initials: Not reported Regional Board Lead Agency: Local Agency: Not reported

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Not reported Cleanup Fund Id: Not reported Work Suspended:

Summary: Haz Mat incident report filed: FORMER PX GAS STATION ON NORTHEAST CORNER OF

BLDG 27: WERE 2- STEEL 8,000 GAL GASOLINE TANKS: OVER EXCAVATION OF GASOLINE

CONTAMINATED SOILS: SITE AWAITING CLOSURE

ENVIROSTOR \$107736812 E11 **NAS LOS ALAMITOS** N/A

LOS ALAMITOS, CA < 1/8 1 ft.

Site 1 of 2 in cluster E

Relative: Higher

ENVIROSTOR:

Facility ID: 80000646

Status: Inactive - Needs Evaluation

Actual: Status Date: 07/01/2005 26 ft. Site Code: Not reported

Site Type: Military Evaluation Site Type Detailed: **FUDS**

Acres: Not reported NPL: NO Regulatory Agencies: **SMBRP SMBRP** Lead Agency: Program Manager: Not reported Supervisor: Douglas Bautista Division Branch: Cleanup Cypress

Assembly: 72 Senate: 34

Special Program: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

NAS LOS ALAMITOS (Continued)

S107736812

EDR ID Number

Restricted Use: NO

NONE SPECIFIED Site Mgmt Req:

DERA Funding: Latitude: 33.79166 Longitude: -118.0527

APN: NONE SPECIFIED Past Use: NONE SPECIFIED Potential COC: NONE SPECIFIED Confirmed COC: NONE SPECIFIED Potential Description: NONE SPECIFIED Alias Name: CA99799F593900 Federal Facility ID Alias Type: J09CA1044 Alias Name:

Alias Type: **INPR** Alias Name: 80000646

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: Not reported Completed Sub Area Name: Not reported Completed Document Type: Not reported Completed Date: Not reported Comments: Not reported

Not reported Future Area Name: Future Sub Area Name: Not reported Future Document Type: Not reported Not reported Future Due Date: Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported

E12 LOS ALAMITOS RAD BOMB/SCORE SITE

ENVIROSTOR S107737117 N/A

< 1/8

LOS ALAMITOS, CA

1 ft.

Site 2 of 2 in cluster E

ENVIROSTOR: Relative:

Higher Facility ID: 80000425

Inactive - Action Required Status: Actual: 09/29/2017 Status Date:

26 ft. Site Code: Not reported

Site Type: Military Evaluation

FUDS Site Type Detailed: Acres: 10 NPL: NO **SMBRP** Regulatory Agencies: Lead Agency: **SMBRP** Program Manager: Not reported Supervisor: Eileen Mananian Division Branch: Cleanup Cypress

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS RAD BOMB/SCORE SITE (Continued)

S107737117

Site Mgmt Req: NONE SPECIFIED

Funding: **DERA** Latitude: 33.79166 Longitude: -118.0527

APN: NONE SPECIFIED NONE SPECIFIED Past Use: Potential COC: Explosives (UXO, MEC NONE SPECIFIED Confirmed COC: Potential Description: NONE SPECIFIED Alias Name: CA99799F557100 Alias Type: Federal Facility ID Alias Name: J09CA0561 **INPR** Alias Type:

Alias Type: **Envirostor ID Number**

Completed Info:

Alias Name:

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported

Completed Document Type: Inventory Project Report (INPR)

80000425

Completed Date: 02/24/1993 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Site Screening Completed Date: 07/17/2017 Comments: Not reported

Future Area Name: Not reported Not reported Future Sub Area Name: Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

JOINT FORCES TRAINING BASE, LOS ALAMITOS

BLDG 43 AIRCRAFT PARKING

LOS ALAMITOS, CA 90720

< 1/8 1 ft.

D13

Site 2 of 2 in cluster D

LUST REG 8: Relative: Region: Higher County:

Actual: Santa Ana Region Regional Board: 26 ft.

Facility Status: Remedial action (cleanup) Underway

Orange

Case Number: 083003836T Local Case Num: Not reported Case Type: Soil only Substance: Waste Oil Qtv Leaked: Not reported Abate Method: Not reported Cross Street: TAXI-WAY 3 Enf Type: Not reported

LUST

S106784773

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784773

Funding: D

Tank Closure How Discovered: How Stopped: Close Tank Leak Cause: Corrosion Leak Source: **Piping** T0605911429 Global ID: 10/15/1987 How Stopped Date: Enter Date: Not reported Not reported Date Confirmation of Leak Began: Date Preliminary Assessment Began: Not reported Discover Date: 10/1/1987 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 3/15/1994 Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies:

Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Yes Oversite Program: DOD Latitude: 33.7930668 Longitude: -118.0526267 MTBE Date: 2/21/1997

Max MTBE GW: 5 MTBE Concentration: 1

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: С JCB Staff: SAS Staff Initials:

Regional Board Lead Agency:

Local Agency: 30000L

COASTAL PLAIN OF ORA Hydr Basin #:

Beneficial: MS_T Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: SOIL REMOVAL

14 TRIPLETT CLEANERS AFRC 4411 YORKTOWN AVE STE 135 < 1/8

LOS ALAMITOS, CA 90720

1 ft.

EDR Hist Cleaner

Relative: Year: Name: Type: Higher

TRIPLETT CLEANERS AFRC Drycleaning Plants, Except Rugs, NEC 2000 Actual: 2001 TRIPLETT CLEANERS AFRC Drycleaning Plants, Except Rugs, NEC 26 ft. Drycleaning Plants, Except Rugs, NEC 2002 TRIPLETT CLEANERS AFRC 2003 TRIPLETT CLEANERS AFRC Drycleaning Plants, Except Rugs, NEC 2004 TRIPLETT CLEANERS AFRC Drycleaning Plants, Except Rugs, NEC

1020108581

N/A

EDR Hist Cleaner

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

C15 JOINT FORCES TRAINING BASE, LOS ALAMITOS RESPONSE \$106387296

LEXINGTON & FARQUHAR ENVIROSTOR N/A

< 1/8 LOS ALAMITOS, CA 90720 LUST

0.002 mi.

North

9 ft. Site 2 of 3 in cluster C

Relative: RESPONSE:

 Higher
 Facility ID:
 30490037

 Site Type:
 State Response

Actual: Site Type Detail: FUDS 27 ft. Acres: 1549
National Priorities List: NO

Cleanup Oversight Agencies: RWQCB 8 - Santa Ana Lead Agency Description: RWQCB 8 - Santa Ana

Project Manager: Sue Hakim
Supervisor: Robert Senga
Division Branch: Cleanup Cypress

Site Code: 400332

Site Mgmt. Req.: NONE SPECIFIED

Assembly: 72
Senate: 34
Special Program Status: DSMOA
Status: No Further Action

 Status Date:
 02/03/2010

 Restricted Use:
 NO

 Funding:
 DERA

 Latitude:
 33.79916

 Longitude:
 -118.0547

APN: NONE SPECIFIED

Past Use: FIRE TRAINING AREAS, FIRING RANGE - SMALL ARMS ETC...
Potential COC: Munitions Debris (MD Lead Aminodinitrotoluene 1,3,5-Trinitrobenzene

Trinitrophenylmethylnitramine 2,4,6-Trinitrotoluene Zinc

Confirmed COC: 30051-NO 32000-NO 30580-NO 30581-NO 30582-NO 30594-NO 30013-NO

31000-NO

Potential Description: SOIL

Alias Name: ARMED FORCES RESERVE CENTER LOS ALAMITOS

Alias Type: Alternate Name
Alias Name: LOS ALAMITOS AFRC
Alias Type: Alternate Name
Alias Name: 110033606774
Alias Type: EPA (FRS #)
Alias Name: T0605900553

Alias Type: GeoTracker Global ID

Alias Name: T0605900572

Alias Type: GeoTracker Global ID

Alias Name: T0605901297
Alias Type: GeoTracker Global ID

Alias Type. GeoTracker Global ID
Alias Name: T0605911429

Alias Type: T0005911429

Alias Type: GeoTracker Global ID

Alias Name: T0605912556
Alias Type: GeoTracker Global ID

Alias Name: T060592093
Alias Type: GeoTracker Global ID

 Alias Name:
 T0605926698

 Alias Type:
 GeoTracker Global ID

 Alias Name:
 T0605960022

Alias Type: GeoTracker Global ID
Alias Name: T0605969865

Alias Type: GeoTracker Global ID

Direction Distance

Elevation Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

EDR ID Number

Alias Name: T060653541

Alias Type: GeoTracker Global ID
Alias Name: CA8572890517
Alias Type: LIMTS Identification Co

Alias Type: HWTS Identification Code

Alias Name: 400332

Alias Type: Project Code (Site Code)

Alias Name: 30490037

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit

Completed Sub Area Name: SITE9

Completed Document Type: *Action Memorandum (if <\$1M)

Completed Date: 04/21/1997 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 02/15/1996 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 04/27/1995 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)

Completed Date: 09/03/2008

Comments: DTSC agreed with the reports recommendation of Interim Site

Evaluation Accomplished for the Phelan Small Arms Range and the range

ineligibility for the active army military munitions response

program. Furthermore, DTSC agrees with the Army's conclusions and recommendation statement that to the best of our knowledge, the Army

has determined that no further evaluation will be taken unless information indicating that this decision was not appropriate becomes

available .

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 30490037
Status: No Further Action
Status Date: 02/03/2010
Site Code: 400332
Site Type: State Response

Direction Distance

Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

EDR ID Number

Site Type Detailed: **FUDS** Acres: 1549 NPL: NO

Regulatory Agencies: RWQCB 8 - Santa Ana Lead Agency: RWQCB 8 - Santa Ana

Program Manager: Sue Hakim Supervisor: Robert Senga Division Branch: Cleanup Cypress

Assembly: 72 Senate: 34 Special Program: **DSMOA** Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED

Funding: **DERA** Latitude: 33.79916 Longitude: -118.0547 APN: NONE SPECIFIED

FIRE TRAINING AREAS, FIRING RANGE - SMALL ARMS ETC... Past Use: Potential COC: Munitions Debris (MD Lead Aminodinitrotoluene 1,3,5-Trinitrobenzene

Trinitrophenylmethylnitramine 2,4,6-Trinitrotoluene Zinc

Confirmed COC: 30051-NO 32000-NO 30580-NO 30581-NO 30582-NO 30594-NO 30013-NO

31000-NO

Potential Description: SOIL

Alias Name: ARMED FORCES RESERVE CENTER LOS ALAMITOS

Alias Type: Alternate Name LOS ALAMITOS AFRC Alias Name: Alias Type: Alternate Name Alias Name: 110033606774 Alias Type: EPA (FRS#) Alias Name: T0605900553 Alias Type: GeoTracker Global ID

Alias Name: T0605900572 Alias Type: GeoTracker Global ID Alias Name: T0605901297 Alias Type: GeoTracker Global ID

Alias Name: T0605911429 GeoTracker Global ID Alias Type: Alias Name: T0605912556 Alias Type: GeoTracker Global ID Alias Name: T060592093

GeoTracker Global ID Alias Type: Alias Name: T0605926698

Alias Type: GeoTracker Global ID Alias Name: T0605960022

Alias Type: GeoTracker Global ID Alias Name: T0605969865

Alias Type: GeoTracker Global ID Alias Name: T060653541 Alias Type: GeoTracker Global ID

Alias Name: CA8572890517

Alias Type: **HWTS Identification Code**

Alias Name: 400332 Alias Type:

Project Code (Site Code) 30490037

Alias Name:

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: Sites With No Operable Unit

Direction Distance

Elevation Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

EDR ID Number

Completed Sub Area Name: SITE9

Completed Document Type: *Action Memorandum (if <\$1M)

Completed Date: 04/21/1997 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 02/15/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 04/27/1995 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)

Completed Date: 09/03/2008

Comments: DTSC agreed with the reports recommendation of Interim Site

Evaluation Accomplished for the Phelan Small Arms Range and the range

ineligibility for the active army military munitions response

program. Furthermore, DTSC agrees with the Army's conclusions and recommendation statement that to the best of our knowledge, the Army

has determined that no further evaluation will be taken unless information indicating that this decision was not appropriate becomes

available.

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

LUST REG 8:

Region: 8
County: Orange

Regional Board: Santa Ana Region

Facility Status: Remedial action (cleanup) Underway

Case Number: 083003835T Local Case Num: Not reported Aquifer affected Case Type: Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported Cross Street: **GETTYSBERG** Not reported Enf Type: Fundina: Not reported How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Corrosion

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

Leak Source: Piping T0605912556 Global ID: How Stopped Date: 10/15/1987 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 10/1/1987 Enforcement Date: Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported 10/2/1989 Date Pollution Characterization Began: Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 4/17/1997 Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies:

Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: DOD Latitude: 33.7940899

Lonaitude: -118.0578713 MTBE Date: 12/16/1999 Max MTBE GW: 9.7 MTBE Concentration: Max MTBE Soil:

Not reported

MTBE Fuel:

MTBE Detected. Site tested for MTBE & MTBE detected MTBE Tested:

MTBE Class: С JCB Staff: Staff Initials: SAS

Lead Agency: Regional Board Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: MS_T Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

SITE COVERED BY DVPE SYSTEM INSTALLED FOR BLDG 35 RELEASE Summary:

F16 AST A100419695 ECS 16 & ASF 28 NW **4235 YORKTOWN AVE** N/A

< 1/8 LOS ALAMITOS, CA 90720

0.024 mi.

128 ft. Site 1 of 6 in cluster F

AST: Relative:

Certified Unified Program Agencies: Not reported Lower

63d Regional Support Command Owner:

Actual: Total Gallons: Not reported 24 ft. CERSID: 10157101 Facility ID: Not reported

> **Business Name:** 63d Regional Support Command

Phone: 562-795-2280 562-795-2286 Fax: Mailing Address: 230 RT Jones Road Mailing Address City: Mountain View

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

ECS 16 & ASF 28 (Continued)

Mailing Address State: CA 94043 Mailing Address Zip Code: Operator Name: Eric Lissner Operator Phone: 562-795-2280 Owner Phone: 650-279-9112 Owner Mail Address: 230 RT Jones Road

Owner State: CA Owner Zip Code: 94043 Owner Country: **United States**

Property Owner Name: 63d Regional Support Command

650-279-9112 Property Owner Phone: Property Owner Mailing Address: 230 RT Jones Road Property Owner City: Mountain View

Property Owner Stat: CA Property Owner Zip Code: 94043 Property Owner Country: **United States** EPAID: CAR000160333

RCRA-LQG

DEPARTMENT OF THE ARMY, HG, 63RD RSC F17 **4235 YORKTOWN AVEUNE, BUILDING 7** NW

LOS ALAMITOS, CA 90720

< 1/8 0.024 mi.

Actual:

128 ft. Site 2 of 6 in cluster F

RCRA-LQG: Relative:

Date form received by agency: 03/08/2010 Lower

Facility name: DEPARTMENT OF THE ARMY, HG, 63RD RSC Facility address: 4235 YORKTOWN AVEUNE, BUILDING 7

24 ft. LOS ALAMITOS, CA 90720

CAR000160333 EPA ID:

> Mailing address: YORKTOWN AVEUNE, BUILDING 7

LOS ALAMITOS, CA 90720 LAURA M CABALLERO

Contact: Contact address: DAILEY ROAD, P.O. BOX 63 MOFFETT FIELD, CA 94085

Contact country:

Contact telephone: 650-279-9112

LAURA.CABALLERO@USAR.ARMY.MIL Contact email:

EPA Region: 09

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: DEPT OF ARMY, USARC Owner/operator address: DAILEY ROAD, P.O. BOX 63

MOFFETT FIELD, CA 94085

A100419695

1007989100

CAR000160333

Direction Distance Elevation

EDR ID Number

n Site Database(s) EPA ID Number

DEPARTMENT OF THE ARMY, HG, 63RD RSC (Continued)

1007989100

Owner/operator country: Not reported Owner/operator telephone: 650-279-9112 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Federal Owner/Operator Type: Owner Owner/Op start date: 06/07/1993 Owner/Op end date: Not reported

Owner/operator name: LAURA CABALLERO

Owner/operator address: Not reported

CA 94085

Owner/operator country: Not reported Owner/operator telephone: Not reported Owner/operator email: Not reported Not reported Owner/operator fax: Owner/operator extension: Not reported Legal status: Federal Owner/Operator Type: Operator 06/09/2009 Owner/Op start date:

Owner/operator name: DEPT OF DEFENSE

Owner/operator address: Not reported

Not reported

Not reported

Owner/operator country: US

Owner/Op end date:

Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Legal status: Federal Owner/Operator Type: Owner Owner/Op start date: 01/01/1956 Owner/Op end date: Not reported

Owner/operator name: 63D RRC
Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Federal Legal status: Owner/Operator Type: Operator Owner/Op start date: 01/01/1956 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

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

DEPARTMENT OF THE ARMY, HG, 63RD RSC (Continued)

1007989100

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

IGNITABLE WASTE Waste name:

Waste code: D002

Waste name: **CORROSIVE WASTE**

Waste code: D003

Waste name: REACTIVE WASTE

Waste code: D008 LEAD Waste name:

Historical Generators:

Date form received by agency: 02/14/2005

DEPT OF ARMY HG 63RRC Site name: Classification: Small Quantity Generator

Waste code:

Waste name: **IGNITABLE WASTE**

Violation Status: No violations found

F18 AST A100340667 N/A

NW **4235 YORKTOWN AVE BLDG 7** < 1/8 LOS ALAMITOS, CA

0.024 mi.

128 ft. Site 3 of 6 in cluster F

AST: Relative:

Certified Unified Program Agencies: Orange Lower

DEPARTMENT OF THE ARMY Owner:

Not reported

Actual: Total Gallons: 1,320 24 ft. CERSID: Not reported

Property Owner Name:

Not reported Facility ID: Business Name: Not reported Phone: Not reported Fax: Not reported Mailing Address: Not reported Mailing Address City: Not reported Mailing Address State: Not reported Mailing Address Zip Code: Not reported Operator Name: Not reported Operator Phone: Not reported Owner Phone: Not reported Not reported Owner Mail Address: Not reported Owner State: Owner Zip Code: Not reported Owner Country: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

(Continued) A100340667

Property Owner Phone:
Property Owner Mailing Address:
Property Owner City:
Property Owner Stat:
Property Owner Zip Code:
Property Owner Country:
Property Owner Country:
Not reported
Not reported
Not reported
Not reported
Not reported

F19 HQ 63D REG READINESS COMMAND RCRA NonGen / NLR 1007989090
NW 4235 YORKTOWN AVE CAR000160226

NW 4235 YORKTOWN AVE < 1/8 LOS ALAMITOS, CA 90720

0.024 mi.

128 ft. Site 4 of 6 in cluster F

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 02/04/2005

Facility name: HQ 63D REG READINESS COMMAND

Actual: Facility address: 4235 YORKTOWN AVE

24 ft.

BLDG 7 LOS ALAMITOS, CA 90720

EPA ID: CAR000160226 Contact: GARY HAAS

Contact address: 4235 YORKTOWN AVE

LOS ALAMITOS, CA 90720-5002

Contact country: US

Contact telephone: 562-795-1441 Contact email: Not reported

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DEPT OF DEFENSE

Owner/operator address: Not reported

Not reported

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: Federal Owner/Operator Type: Owner Owner/Op start date: 01/01/1956 Owner/Op end date: Not reported

Owner/operator name: ROBERT ZIMMERMANN

Owner/operator address: Not reported Not reported

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: Federal Owner/Operator Type: Operator Owner/Op start date: 01/01/1956 Owner/Op end date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HQ 63D REG READINESS COMMAND (Continued)

1007989090

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: Nο 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 WASTE**

Waste code: D002

CORROSIVE WASTE Waste name:

D009 Waste code: **MERCURY** Waste name:

Violation Status: No violations found

F20 **AGROMIN LOS ALAMITOS COMPOST OPERATIONS**

NW < 1/8 **4216 CONSTITUTION AVE.** LOS ALAMITOS, CA

0.029 mi.

155 ft. Site 5 of 6 in cluster F

Relative: Lower

SWF/LF (SWIS):

Region: STATE Facility ID: 30-AB-0446

Actual: 33.78834 / -118.04689 Lat/Long: 24 ft. U.S. Army Corps of Engineers-LA District Owner Name:

Owner Telephone: 5627952090

Owner Address: James P Combs

Owner Address2: 4522 Saratoga Ave., Bldg 15 Los Alamitos, CA 90720 Owner City, St, Zip:

Operational Status: Inactive

Agromin Orange, LLC Operator:

Operator Phone: 8054859200 Operator Address: Bill Camarillo Operator Address2: 201 Kinetic Dr. Operator City, St, Zip: Oxnard, CA 93030 Permit Date: 07/02/2009 Permit Status: Notification Permitted Acreage: \$11.90

Composting Operation (Ag) Activity:

Regulation Status: Notification

Landuse Name: Residential.Golf Course

GIS Source: Мар Category: Composting

Unit Number: 01 SWF/LF S109689911

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

AGROMIN LOS ALAMITOS COMPOST OPERATIONS (Continued)

S109689911

N/A

Inspection Frequency: None

Accepted Waste: Agricultural, Green Materials, Wood waste

Closure Date: Not reported Closure Type: Not reported Disposal Acreage: Not reported SWIS Num: 30-AB-0446 Waste Discharge Requirement Num: Not reported Program Type: Not reported Permitted Throughput with Units: Not reported Actual Throughput with Units: Tons/day Permitted Capacity with Units: Not reported Not reported Remaining Capacity: Remaining Capacity with Units: Tons/year Lat/Long: 33.78834 / -118.04689

F21 **AST** A100340664

Not reported

4216 CONSTITUTION AVE STE 36 NW

LOS ALAMITOS, CA < 1/8

0.029 mi.

155 ft. Site 6 of 6 in cluster F

EPAID:

AST: Relative:

Certified Unified Program Agencies: Orange Lower

JOINT FORCES TRAINING BASE Owner:

Actual: Total Gallons: 200,000 24 ft. CERSID: Not reported

> Facility ID: Not reported Business Name: Not reported Phone: Not reported Not reported Fax: Not reported Mailing Address: Mailing Address City: Not reported Mailing Address State: Not reported Mailing Address Zip Code: Not reported Operator Name: Not reported Not reported Operator Phone: Owner Phone: Not reported Owner Mail Address: Not reported Owner State: Not reported Owner Zip Code: Not reported Owner Country: Not reported Property Owner Name: Not reported Not reported Property Owner Phone: Not reported Property Owner Mailing Address: Property Owner City: Not reported Property Owner Stat: Not reported Property Owner Zip Code: Not reported Property Owner Country: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

C22 ARMED FORCES RESERUE CENTER HIST UST 1000201226

North LEXINGTON DRIVE RCRA NonGen / NLR CAD981369291

< 1/8 LOS ALAMITOS, CA 90720

0.047 mi.

249 ft. Site 3 of 3 in cluster C

Relative: Higher HIST UST:
File Number: 0002EB50

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB50.pdf

Actual: 27 ft.

Region: STATE
Facility ID: 00000024870
Facility Type: Gas Station

Other Type: AVIATION FUELING FAC
Contact Name: COL DANIEL J. HERNANDEZ

Telephone: 2134938076

Owner Name: MILITARY DEPARTMENT - STATE OF Owner Address: ARMED FORCES RESERVE CENTER, B

Owner City,St,Zip: LOS ALAMITOS, CA 90720

Total Tanks: 0028

Tank Num: 001 BLDG 25 Container Num: Year Installed: 1943 Tank Capacity: 00005250 Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 002 **BLDG 272** Container Num: Year Installed: 1982 Tank Capacity: 00001500 Tank Used for: WASTE Type of Fuel: WASTE OIL Container Construction Thickness: Not reported Stock Inventor Leak Detection:

Tank Num: 003 Container Num: BLDG 1 Year Installed: 1943 Tank Capacity: 00002500 Tank Used for: WASTE Type of Fuel: WASTE OIL Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 004 Container Num: BLDG 13A Year Installed: 1943 Tank Capacity: 00000550 Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 005

Container Num: BLDG 13B # Year Installed: 1943

Direction Distance

Elevation Site Database(s) EPA ID Number

ARMED FORCES RESERUE CENTER (Continued)

1000201226

EDR ID Number

Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

006 Tank Num: Container Num: 13B #2 Year Installed: 1943 Tank Capacity: 00000550 **PRODUCT** Tank Used for: Type of Fuel: **REGULAR** Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 007 Container Num: BLDG 34 #1 Year Installed: 1942 Tank Capacity: 00003500 **PRODUCT** Tank Used for: Type of Fuel: DIESEL Container Construction Thickness: Not reported Leak Detection: Stock Inventor

800 Tank Num: Container Num: BLDG 34 #2 Year Installed: 1965 Tank Capacity: 00012500 **PRODUCT** Tank Used for: **UNLEADED** Type of Fuel: Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 009 BLDG 34 #3 Container Num: Year Installed: 1943 Tank Capacity: 00002500 Tank Used for: WASTE WASTE OIL Type of Fuel: Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 010 BLDG 53 Container Num: 1944 Year Installed: 00000100 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 011
Container Num: 87A
Year Installed: 1953
Tank Capacity: 00210000
Tank Used for: PRODUCT
Type of Fuel: 06

Direction Distance Elevation

ation Site Database(s) EPA ID Number

ARMED FORCES RESERUE CENTER (Continued)

1000201226

EDR ID Number

Container Construction Thickness: Not reported Leak Detection: Stock Inventor

 Tank Num:
 012

 Container Num:
 87B

 Year Installed:
 1953

 Tank Capacity:
 00210000

 Tank Used for:
 PRODUCT

 Type of Fuel:
 06

Container Construction Thickness: Not reported Leak Detection: Stock Inventor

 Tank Num:
 013

 Container Num:
 87C

 Year Installed:
 1953

 Tank Capacity:
 00210000

 Tank Used for:
 PRODUCT

 Type of Fuel:
 06

Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 014 Container Num: BLDG 93 Year Installed: 1952 Tank Capacity: 00003500 Tank Used for: **PRODUCT** Type of Fuel: **DIESEL** Container Construction Thickness: Not reported Leak Detection: None

Tank Num: 015 **BLDG 244** Container Num: Year Installed: 1982 00030000 Tank Capacity: Tank Used for: **PRODUCT REGULAR** Type of Fuel: Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 016 BLDG 2 Container Num: Year Installed: 1954 Tank Capacity: 00001870 **PRODUCT** Tank Used for: Not reported Type of Fuel: Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 017 Container Num: BLDG 5 Year Installed: 1943 Tank Capacity: 00001870 PRODUCT Tank Used for: Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Direction Distance Elevation

evation Site Database(s) EPA ID Number

ARMED FORCES RESERUE CENTER (Continued)

1000201226

EDR ID Number

Tank Num: 018 BLDG 6 Container Num: Year Installed: 1943 Tank Capacity: 00001870 Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 019 BLDG 19 Container Num: Year Installed: 1943 00001870 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 020 BLDG 37 Container Num: Year Installed: 1943 Tank Capacity: 00000960 Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 021 BLDG 42 Container Num: Year Installed: 1943 Tank Capacity: 00000000 Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 022 BLDG 43 Container Num: Year Installed: 1943 Tank Capacity: 00000960 **PRODUCT** Tank Used for: Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 023 Container Num: BLDG 44 Year Installed: 1944 Tank Capacity: 00001870 Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 024
Container Num: BLDG 54
Year Installed: 1945

Direction
Distance
Elevation

evation Site Database(s) EPA ID Number

ARMED FORCES RESERUE CENTER (Continued)

1000201226

EDR ID Number

Tank Capacity: 00001400
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

025 Tank Num: Container Num: BLDG 55 Year Installed: 1945 Tank Capacity: 00001400 **PRODUCT** Tank Used for: Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 026 Container Num: BLDG 56 Year Installed: 1944 Tank Capacity: 00001400 **PRODUCT** Tank Used for: Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

027 Tank Num: Container Num: BLDG 57 Year Installed: 1945 Tank Capacity: 00001400 **PRODUCT** Tank Used for: Not reported Type of Fuel: Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Tank Num: 028 BLDG 58 Container Num: Year Installed: 1945 Tank Capacity: 00001400 Tank Used for: **PRODUCT** Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

RCRA NonGen / NLR:

Date form received by agency: 01/23/1986

Facility name: ARMED FORCES RESERUE CENTER

Facility address: LEXINGTON DRIVE

LOS ALAMITOS, CA 90720

EPA ID: CAD981369291

Contact: ENVIRONMENTAL MANAGER

Contact address: LEXINGTON DRIVE

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 916-920-6505 Contact email: Not reported

EPA Region: 09

Map ID MAP FINDINGS
Direction

Distance Elevation

e EDR ID Number on Site Database(s) EPA ID Number

ARMED FORCES RESERUE CENTER (Continued)

1000201226

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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: TATE MILITARY DEPT.

Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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

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

Violation Status: No violations found

Direction Distance

Elevation Site Database(s) EPA ID Number

23 AGROMIN OC AST A100416949
North 11200 LEXINGTON DR N/A

North 11200 LEXINGTON DR < 1/8 LOS ALAMITOS, CA 90720

0.054 mi. 286 ft.

Actual:

27 ft.

Relative: AST:

Higher

Certified Unified Program Agencies: Not reported
Owner: Agromin OC, LLC
Total Gallons: Not reported
CERSID: 10505860
Facility ID: Not reported

Business Name: Agromin OC
Phone: 8054859200
Fax: 8054859222
Mailing Address: 201 Kinetic Drive
Mailing Address City: Oxnard

Mailing Address City.

Mailing Address State:

Mailing Address Zip Code:

Operator Name:

Operator Phone:

Owner Phone:

Owner Mail Address:

Oxnard

Owner State:
Owner Zip Code:
Owner Country:
Property Owner Name:
Property Owner Phone:
Property Owner Mailing Address:
Property Owner City:
CA
93030
United States
US Army Engineers
Not reported
PO Box 532711
Los Angeles

Property Owner Stat : CA

Property Owner Zip Code: Not reported Property Owner Country: United States EPAID: Not reported

24 LESIURE WORLD CLEANERS EDR Hist Cleaner 1020027216
NE 11151 MINDORA ST N/A

NE 11151 MINDORA ST < 1/8 LOS ALAMITOS, CA 90720

0.102 mi. 536 ft.

Relative: EDR Hist Cleaner

Higher

Year: Name: Type:

Actual: 2008 LESIURE WORLD CLEANERS Drycleaning Plants, Except Rugs 2009 LESIURE WORLD CLEANERS Drycleaning Plants, Except Rugs 2010 LESIURE WORLD CLEANERS Drycleaning Plants, Except Rugs Drycleaning Plants, Except Rugs

2010LESIURE WORLD CLEANERSDrycleaning Plants, Except Rugs2011LESIURE WORLD CLEANERSDrycleaning Plants, Except Rugs2012LESIURE WORLD CLEANERSDrycleaning Plants, Except Rugs2018Drycleaning Plants, Except Rugs

EDR ID Number

Direction Distance

Elevation Site Database(s) **EPA ID Number**

G25 **ENVIROCON INC** RCRA NonGen / NLR 1000594790 NE

11082 WINNERS CIRCLE **FINDS** CAD983586744 **ECHO**

1/8-1/4 LOS ALAMITOS, CA 90720 0.147 mi.

775 ft. Site 1 of 3 in cluster G RCRA NonGen / NLR:

Relative: Higher Date form received by agency: 10/20/2004

ENVIROCON INC Facility name:

Actual: Facility address: 11082 WINNERS CIRCLE 31 ft.

STE B

LOS ALAMITOS, CA 90720

EPA ID: CAD983586744 PO BOX 5367 Mailing address:

LOS ALAMITOS, CA 90720

Contact: DAVID A ADAMS Contact address: PO BOX 5367

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 562-799-7015

Telephone ext.: 24

Not reported Contact email: EPA Region: 09 Land type: Private

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

DAVID ADAMS Owner/operator name: Owner/operator address: Not reported

Not reported

US Owner/operator country:

Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Private Legal status: Owner/Operator Type: Operator Owner/Op start date: 09/15/2001 Owner/Op end date: Not reported

SANTA FE PROPERTIES Owner/operator name:

Owner/operator address: Not reported

Not reported

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: 09/15/2001 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 **EDR ID Number**

Direction Distance

Elevation Site Database(s) EPA ID Number

ENVIROCON INC (Continued)

1000594790

EDR ID Number

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: Nο 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: 06/27/1991
Site name: ENVIROCON INC
Classification: Not a generator, verified

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Transporters - Manifest and Recordkeeping

Date violation determined: 09/10/2002
Date achieved compliance: 11/19/2002
Violation lead agency: State

Enforcement action: SINGLE SITE CA/FO

Enforcement action date: 02/11/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 16600
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Transporters - Manifest and Recordkeeping

Date violation determined: 09/10/2002
Date achieved compliance: 11/01/2002
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 09/10/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Transporters - General

Date violation determined: 09/10/2002
Date achieved compliance: 11/01/2002
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 09/10/2002 Enf. disposition status: Not reported Enf. disp. status date: Not reported

Distance

Elevation Site Database(s) EPA ID Number

ENVIROCON INC (Continued)

1000594790

EDR ID Number

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Transporters - Manifest and Recordkeeping

Date violation determined: 09/10/2002
Date achieved compliance: 11/19/2002
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 09/10/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Not reported
Not reported

Evaluation Action Summary:

Evaluation date: 11/19/2002

Evaluation: NOT A SIGNIFICANT NON-COMPLIER

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 09/10/2002

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Transporters - Manifest and Recordkeeping

Date achieved compliance: 11/19/2002 Evaluation lead agency: State

Evaluation date: 09/10/2002

Evaluation: SIGNIFICANT NON-COMPLIER

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 09/10/2002

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Transporters - Manifest and Recordkeeping

Date achieved compliance: 11/01/2002 Evaluation lead agency: State

Evaluation date: 09/10/2002

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Transporters - General

Date achieved compliance: 11/01/2002 Evaluation lead agency: State

FINDS:

Registry ID: 110064126565

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

ENVIROCON INC (Continued)

1000594790

Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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: 1000594790 Registry ID: 110064126565

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110064126565

G26 K&A IMPORTS RCRA-SQG 1000118632 ΝE 11061 WINNER CIRCLE **HAZNET** CAD981443161

1/8-1/4 0.170 mi.

Site 2 of 3 in cluster G 900 ft.

Relative: Higher

RCRA-SQG:

LOS ALAMITOS, CA 90720

Date form received by agency: 09/10/1986 Facility name: **K&A IMPORTS** Facility address:

Actual: 31 ft.

11061 WINNER CIRCLE

LOS ALAMITOS, CA 90720

EPA ID: CAD981443161 Mailing address: WINNER CIRCLE

LOS ALAMITOS, CA 90720

ENVIRONMENTAL MANAGER Contact: Contact address: 11061 WINNER CIRCLE

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 213-594-8925 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Handler: generates more than 100 and less than 1000 kg of hazardous Description:

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

K&A IMPORTS (Continued)

1000118632

EDR ID Number

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KIRK HONGPAHICH Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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

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

Violation Status: No violations found

HAZNET:

envid: 1000118632 Year: 1993

GEPAID: CAD981443161
Contact: Not reported
Telephone: 000000000
Mailing Name: Not reported

Mailing Address: 11061 WINNER CIRCLE

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Recycler
Tons: 0.91739999999
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

Direction Distance

Elevation Site Database(s) EPA ID Number

G27 K & A IMPORT SERVICES RCRA-SQG 1000101121
NE 11061 WINNERS CIRCLE FINDS CAD981445026

1/8-1/4 LOS ALAMITOS, CA 90720

0.170 mi.

Actual:

31 ft.

900 ft. Site 3 of 3 in cluster G

Relative: RCRA-SQG:

Higher Date form received by agency: 09/15/1986

Facility name: K & A IMPORT SERVICES
Facility address: 11061 WINNERS CIRCLE
LOS ALAMITOS, CA 90720

EPA ID: CAD981445026

Mailing address: WINNERS CIRCLE

LOS ALAMITOS, CA 90720
Contact: ENVIRONMENTAL MANAGER
Contact address: 11061 WINNERS CIRCLE

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 213-594-8925 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: KRIRK HONGPANICH Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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

EDR ID Number

ECHO

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

K & A IMPORT SERVICES (Continued)

1000101121

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

Violation Status: No violations found

FINDS:

Registry ID: 110002707928

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: 1000101121 Registry ID: 110002707928

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002707928

8

H28 **JOINT FORCES TRAINING BASE, LOS ALAMITOS** LUST S106784632

N/A

WNW **BLDG 2 DOOLITLE AVE.** 1/8-1/4 LOS ALAMITOS, CA 90720

0.196 mi.

1034 ft. Site 1 of 5 in cluster H

LUST REG 8:

Relative: Region: Lower

County: Orange Actual:

Regional Board: Santa Ana Region 23 ft. Facility Status: Remedial action (cleanup) Underway

> Case Number: 083003838T Local Case Num: Not reported Case Type: Soil only Substance: Diesel Qty Leaked: Not reported Abate Method: Not reported Cross Street: Aircraft Parking Enf Type: Not reported Funding: Not reported How Discovered: Tank Closure

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784632

How Stopped: Not reported Overfill Leak Cause: Leak Source: Piping Global ID: T060653541 How Stopped Date: Not reported Not reported Enter Date: Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Not reported Discover Date: **Enforcement Date:** Not reported Not reported Close Date: Date Prelim Assessment Workplan Submitted: Not reported 10/2/1989 Date Pollution Characterization Began: Date Remediation Plan Submitted: Not reported 3/15/1994 Date Remedial Action Underway: Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies:

Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: DOD Latitude: 33.7935441 Longitude: -118.0554932 MTBE Date: 5/29/2001 Max MTBE GW: 4.7 MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Detected. Site tested for MTBE & MTBE detected MTBE Tested:

MTBE Class: D Staff: JCB Staff Initials: SAS

Regional Board Lead Agency:

Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Haz Mat incident report filed: FORMER 2,000 GAL. STEEL UST FOR EMERGENCY Summary:

GENERATOR FUEL SUPPLY TANK: UST WAS BACKFILLED WITH CONCRETE, SURROUNDING

SOILS REMOVED: 2,500 GAL. CONCRETE UST: TANK CLOSED - IN - PLACE FILL WITH

CONCRETE, SORROUNDING SOILS REMOVED

H29 JOINT FORCES TRAINING BASE, LOS ALAMITOS LUST S106784631 WNW FORMER JP-4 FUEL FARM USTS 87.88.89 N/A

1/8-1/4 LOS ALAMITOS, CA 90720

0.196 mi.

Site 2 of 5 in cluster H 1034 ft.

LUST REG 8: Relative: Region: Lower

County: Orange

Actual: Regional Board: Santa Ana Region

23 ft. Facility Status: Preliminary site assessment underway

Case Number: 083000700T

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784631

Local Case Num: Not reported Aquifer affected Case Type: Substance: Jet Fuel Qty Leaked: Not reported FP VE PT Abate Method: Cross Street: Saratoga Ave. Enf Type: Not reported

Funding: D How Discovered: OM How Stopped: Not reported

Leak Cause: Corrosion Piping Leak Source: T0605900553 Global ID: How Stopped Date: 2/1/1987 Enter Date: 12/18/1987 Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: 11/1/1989 4/1/1987 Discover Date: **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 12/18/1987 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: 12/18/1987

GW Qualifies:

Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Yes Oversite Program: DOD Latitude: 33.7948716 Longitude: -118.0665419 MTBE Date: 5/23/2001 Max MTBE GW: 2.8 MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Detected. Site tested for MTBE & MTBE detected MTBE Tested:

MTBE Class: JCB Staff: Staff Initials: SAS

Regional Board Lead Agency:

Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: MS_T Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

former JP-4 & av gas tank farm, 3 removed-210,000 gal USTs 87(A), 88(B) & 89(C) Summary:

Direction Distance

Elevation Site Database(s) EPA ID Number

 H30
 LOS ALAMITOS JFTB
 RCRA-LQG
 1000101564

 WNW
 LEXINGTON AVE
 HIST UST
 CA8572890517

1/8-1/4 LOS ALAMITOS, CA 90720

0.196 mi.

1034 ft. Site 3 of 5 in cluster H

Relative: RCRA-LQG:

Lower Date form received by agency: 03/01/2016

Facility name: LOS ALAMITOS JFTB Facility address: LEXINGTON AVE

Actual: Facility address: LEXINGTON AVE LOS ALAMITOS, CA 90720

EPA ID: CA8572890517
Mailing address: GOETHE RD BOX 17

SACRAMENTO, CA 95826

Contact: SUSAN L OAKLEY
Contact address: HWY 101 BLDG 910

CAMP ROBERTS, CA 93451

Contact country: US

Contact telephone: 805-238-8418

Contact email: SUSAN.L.OAKLEY4.NFG@MAIL.MIL

EPA Region: 09 Land type: State

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CALIFORNIA MILITARY DEPARTMENT

Owner/operator address:

Owner/operator country:

Owner/operator telephone:

Owner/operator email:

Owner/operator fax:

Owner/operator extension:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Owner/operator extension: Not reported Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 03/27/1928
Owner/Op end date: Not reported

Owner/operator name: US ARMY CORP OF ENGINEERS

Owner/operator address: P.O. BOX 2711

LOS ANGELES, CA 90053

Owner/operator country: US

Owner/operator telephone: 916-854-3000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Legal status: State

EDR ID Number

Direction Distance Elevation

ce EDR ID Number on Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

Owner/Operator Type: Owner
Owner/Op start date: 03/21/1942
Owner/Op end date: Not reported

Owner/operator name: CALIFORNIA STATE MILITARY

Owner/operator address: Not reported

Not reported

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: State Owner/Operator Type: Operator Owner/Op start date: 03/27/1942 Owner/Op end date: Not reported

Owner/operator name: US ARMY CORP OF ENGINEERS

Owner/operator address: P.O. VIX 2711

LOS ANGELES, CA 90053

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: State Owner/Operator Type: Owner Owner/Op start date: 03/21/1942 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: 122

. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 134

Waste name: Aqueous solution with <10% total organic residues

Waste code: 151

Waste name: Asbestos-containing waste

. Waste code: 181

Distance EDR ID Number
Elevation Site EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

. Waste name: Other inorganic solid waste

Waste code: 221

Waste name: Waste oil and mixed oil

. Waste code: 222

. Waste name: Oil/water separation sludge

. Waste code: 281 . Waste name: Adhesives

Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

Waste code: 352

Waste name: Other organic solids

. Waste code: 741

Waste name: Liquids with halogenated organic compounds > 1000 mg/l

Waste code: 791

Waste name: Liquids with pH < 2

Waste code: D001

Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D006 . Waste name: CADMIUM

. Waste code: D007

Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

. Waste code: D018
. Waste name: BENZENE

Waste code: D035

. Waste name: METHYL ETHYL KETONE

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

Distance Elevation

Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 03/01/2014

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D003

. Waste name: REACTIVE WASTE

. Waste code: D006 . Waste name: CADMIUM

. Waste code: D007

Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D035

. Waste name: METHYL ETHYL KETONE

Date form received by agency: 08/18/2010

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

. Waste code: 135

. Waste name: Unspecified aqueous solution

. Waste code: 151

. Waste name: Asbestos-containing waste

. Waste code: 172

Waste name: Metal dust (see 121) and machining waste

. Waste code: 181

Waste name: Other inorganic solid waste

Waste code: 212

Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 213

Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 214

. Waste name: Unspecified solvent mixture

Distance Elevation

EDR ID Number

n Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

. Waste code: 221

Waste name: Waste oil and mixed oil

. Waste code: 222

. Waste name: Oil/water separation sludge

Waste code: 223

Waste name: Unspecified oil-containing waste

Waste code: 281
Waste name: Adhesives

Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 342

Waste name: Organic liquids with metals (see 121)

Waste code: 352

. Waste name: Other organic solids

Waste code: 512

Waste name: Other empty containers 30 gallons or more

Waste code: 513

. Waste name: Empty containers less than 30 gallons

MERCURY

. Waste code: 792

. Waste name: Liquids with pH < 2 with metals

. Waste code: D001

. Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD
. Waste code: D009

Waste name:

Waste code: D018
Waste name: BENZENE

Waste code: F005

Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/29/2008

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS JFTB (Continued)

Waste code:

IGNITABLE WASTE Waste name:

D001

Waste code: D002

Waste name: **CORROSIVE WASTE**

D008 Waste code: Waste name: LEAD

Waste code: D035

METHYL ETHYL KETONE Waste name:

Waste code: D040

Waste name: TRICHLORETHYLENE

Date form received by agency: 05/01/2006

FIELD MAINTENANCE SHOP #8 Site name: Classification: Small Quantity Generator

Date form received by agency: 05/01/2006

FIELD MAINTENANCE SHOP #8 Site name: Classification: Large Quantity Generator

Waste code: D001

IGNITABLE WASTE Waste name:

Waste code: D002

Waste name: **CORROSIVE WASTE**

Waste code: D034

HEXACHLOROETHANE Waste name:

Date form received by agency: 02/27/2004

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

Waste code: D001

Waste name: **IGNITABLE WASTE**

Waste code: D002

CORROSIVE WASTE Waste name:

Waste code: D003

REACTIVE WASTE Waste name:

Waste code: D011 Waste name: **SILVER**

Date form received by agency: 09/01/1996

LOS ALAMITOS AFRC Site name: Classification: Large Quantity Generator

Date form received by agency: 03/22/1989

Site name: LOS ALAMITOS AFRC Classification: Small Quantity Generator 1000101564

Direction Distance Elevation

n Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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.

Amount (Lbs): 2941

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.

Amount (Lbs): 69

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 1675

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 1675

Waste code: D008
Waste name: LEAD
Amount (Lbs): 1675

Waste code: D009
Waste name: MERCURY

Amount (Lbs): 51

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 336

Waste code: D035

Waste name: METHYL ETHYL KETONE

Amount (Lbs): 312

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

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

SPENT SOLVENT MIXTURES.

Amount (Lbs): 41

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Generators - Pre-transport
Date violation determined: 11/18/2015

Date achieved compliance: 11/18/2015 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Not reported Enforcement lead agency: Not reported Proposed penalty amount: Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 02/24/2010 Date achieved compliance: Not reported Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Not reported Final penalty amount: Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/18/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 11/18/2015 Evaluation lead agency: State

Evaluation date: 11/17/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 11/03/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/02/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

Evaluation lead agency: State

Evaluation date: 07/03/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/16/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 06/14/2012

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/03/2010

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 02/24/2010

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 04/04/2005

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

HIST UST:

File Number: 0002EE90

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EE90.pdf

Region: STATE
Facility ID: 00000059423
Facility Type: Other

Other Type: NATL GUARD TRAINING

Contact Name: Not reported Telephone: 2134938076

Owner Name: STATE MILITARY DEPT.
Owner Address: 2829 WATT AVE

Owner City, St, Zip: SACRAMENTO, CA 95821

Total Tanks: 0006

Tank Num: 001

Container Num: 030 BLDG 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported

Distance Elevation

vation Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

Container Construction Thickness: Not reported

Leak Detection: None

Tank Num: 002

Container Num: 031 BLDG57
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003

Container Num: 032 BLDG35
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004

Container Num: 033 BLDG60
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

Leak Detection: None

Tank Num: 005 Container Num: 034 FUEL F Year Installed: Not reported Tank Capacity: 00000000 Tank Used for: WASTE Not reported Type of Fuel: Container Construction Thickness: Not reported Leak Detection: None

006 Tank Num: 035 BLDG 1 Container Num: Year Installed: Not reported Tank Capacity: 00000000 Tank Used for: WASTE Not reported Type of Fuel: Container Construction Thickness: Not reported Leak Detection: None

Click here for Geo Tracker PDF:

Direction Distance

Elevation Site Database(s) EPA ID Number

H31 JOINT FORCES TRAINING BASE, LOS ALAMITOS LUST S106784775 WNW BLDG 158 DOOLITE AVE. N/A

1/8-1/4 LOS ALAMITOS, CA 90720

0.196 mi.

1034 ft. Site 4 of 5 in cluster H

Relative: LUST REG 8: Lower Region:

County: Orange

Actual: Regional Board: Santa Ana Region
23 ft. Santa Ana Region
Pollution Characterization

Case Number: 083000723T
Local Case Num: Not reported
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported

Abate Method: pt

Cross Street: Minuteman Circle
Enf Type: Not reported

Funding: D

How Discovered: Tank Closure How Stopped: Not reported Leak Cause: Corrosion Leak Source: Piping Global ID: T0605900572 How Stopped Date: Not reported Enter Date: Not reported Date Confirmation of Leak Began: Not reported 10/2/1989 Date Preliminary Assessment Began: Discover Date: 10/1/1987 **Enforcement Date:** Not reported Not reported Close Date: Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 9/13/2004 Date Remediation Plan Submitted: Not reported

Date Pollution Characterization Began. 9/13/2004

Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: 2/12/1996
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported

GW Qualifies:

Soil Qualifies: Not reported Not reported Operator: Not reported Facility Contact: Interim: Yes Oversite Program: DOD Latitude: 33.79422 -118.054222 Longitude: MTBE Date: 5/14/1993 Max MTBE GW: 5

MTBE Concentration: 1

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: C
Staff: JCB
Staff Initials: SAS

Lead Agency: Regional Board Local Agency: 30000L

Hvdr Basin #: COASTAL PLAIN OF ORA

Beneficial: MS_I

EDR ID Number

Direction Distance

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784775

Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: emgr. generator fuel supply tank, 1-2,000 gal steel, UST removed and site

restored to grade

H32 ARMY AIR FORCE EXCHANGE (AAFES SWEEPS UST \$106922859

N/A

1/8-1/4 LOS ALAMITOS, CA 90720

0.196 mi.

WNW

1034 ft. Site 5 of 5 in cluster H

Relative: SWEEPS UST:

BLDG 57

 Lower
 Status:
 Active

 Comp Number:
 12120

 Actual:
 Number:
 9

 23 ft.
 Board Of Equalization:
 Not real

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 06-18-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-012120-000003

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED

Number Of Tanks: 1

I33 COOLANT MANAGEMENT SERVICES AST A100418996
NE 11052 VIA EL MERCADO N/A

NE 11052 VIA EL MERCADO 1/8-1/4 LOS ALAMITOS, CA 90720

0.203 mi.

1073 ft. Site 1 of 2 in cluster I

Relative: AST:

Higher Certified Unified Program Agencies: Not reported

Owner: Same as above

Actual: Total Gallons: Not reported

33 ft. CERSID: 10448128
Facility ID: Not reported

Business Name: Coolant Management Services

Phone: 562-795-0470
Fax: 562-795-0475
Mailing Address: 11052 Via El Mercado

Mailing Address City: Los Alamitos

Mailing Address State: Ca Mailing Address Zip Code: 90720 Operator Name: Miles Arnold Operator Phone: 714-323-5103 Owner Phone: Not reported Not reported Owner Mail Address: Owner State: Not reported Not reported Owner Zip Code: **United States** Owner Country:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

COOLANT MANAGEMENT SERVICES (Continued)

A100418996

Property Owner Name: Same as above Property Owner Phone: Not reported Property Owner Mailing Address: Not reported Property Owner City: Not reported Property Owner Stat: Not reported Property Owner Zip Code: Not reported Property Owner Country: United States EPAID: calooo229936

134 A100336674 AST 11052 VIA EL MERCADO N/A

ΝE 1/8-1/4 LOS ALAMITOS, CA

0.203 mi.

1073 ft. Site 2 of 2 in cluster I AST:

Relative:

Certified Unified Program Agencies: Orange Higher

Owner: COOLANT MANAGEMENT SERVICES

Actual: Total Gallons: 1,320 33 ft.

Not reported CERSID: Not reported Facility ID: Business Name: Not reported Phone: Not reported Not reported Fax: Mailing Address: Not reported Not reported Mailing Address City: Mailing Address State: Not reported Mailing Address Zip Code: Not reported Operator Name: Not reported

Operator Phone: Not reported Not reported Owner Phone: Owner Mail Address: Not reported Owner State: Not reported Owner Zip Code: Not reported Owner Country: Not reported Property Owner Name: Not reported Property Owner Phone: Not reported Property Owner Mailing Address: Not reported Property Owner City: Not reported Property Owner Stat: Not reported Property Owner Zip Code: Not reported

Not reported

Not reported

35 **TILOS EUROPEAN AUTOHAUS** RCRA NonGen / NLR 1004675889

CAR000078394 NE 5300 KATELLA AVE **FINDS** LOS ALAMITOS, CA 90720 1/8-1/4 **ECHO**

0.235 mi.

Property Owner Country:

1241 ft.

RCRA NonGen / NLR: Relative:

EPAID:

Date form received by agency: 08/17/2001 Higher

TILOS EUROPEAN AUTOHAUS Facility name:

Actual: Facility address: 5300 KATELLA AVE

32 ft. LOS ALAMITOS, CA 90720

> EPA ID: CAR000078394

HAZNET

Direction Distance

Elevation Site Database(s) EPA ID Number

TILOS EUROPEAN AUTOHAUS (Continued)

1004675889

EDR ID Number

Contact: DEANNA BURNS
Contact address: 5300 KATELLA AVE

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 562-799-8456 Contact email: Not reported

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: TILOS EUROPEAN AUTOHAUS

Owner/operator address: 5300 KATELLA AVE

LOS ALAMITOS, CA 90720

Owner/operator country: Not reported 562-799-0021 Owner/operator telephone: 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

Waste code: D002

Waste name: CORROSIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110006486873

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.

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TILOS EUROPEAN AUTOHAUS (Continued)

1004675889

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

1004675889 Envid: Registry ID: 110006486873

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006486873

HAZNET:

1004675889 envid: Year: 2001

GEPAID: CAR000078394

Contact:

Telephone: 5627990021 Mailing Name: Not reported 5300 KATELLA AVE Mailing Address:

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported TSD EPA ID: CAT080013352 TSD County: Not reported

Waste Category: Oil/water separation sludge

Disposal Method: Recycler Tons: 1.35 Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

RACER CLEANERS DRYCLEANERS S106077058

NNE **5074 KATELLA AVE** 1/8-1/4 LOS ALAMITOS, CA 90720

0.239 mi.

J36

Site 1 of 8 in cluster J 1263 ft.

Relative: Higher

DRYCLEANERS:

EPA Id: NAICS Code:

Actual: 30 ft.

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

CAL000345982

SIC Code:

SIC Description: Power Laundries, Family and Commercial

81232

Create Date: 08/20/2009 Facility Active: No

Inactive Date: 06/30/2012 Facility Addr2: Not reported Owner Name: THANH HUY PHAM Owner Address: 5851 CROCUS CIR

Owner Address 2: Not reported Owner Telephone: 7148210998 Contact Name: THANH PHAM Contact Address: 5851 CROCUS CIR Contact Address 2: Not reported Contact Telephone: 5624301822 Mailing Name: Not reported Mailing Address 1: 5074 KATELLA AVE

Mailing Address 2: Not reported Mailing City: LOS ALAMITOS

Mailing State: CA N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

RACER CLEANERS (Continued)

S106077058

Mailing Zip: 907202802 Owner Fax: 0000000000

Region Code: 4

EPA ld: CAL000268799

NAICS Code: 81232

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

SIC Code: 7211

SIC Description: Power Laundries, Family and Commercial

Create Date: 04/08/2003

Facility Active: No

Inactive Date: 06/30/2009
Facility Addr2: Not reported
Owner Name: DANA TRAN
Owner Address: 5074 KATELLA AVE
Owner Address 2: Not reported

Owner Address 2: Not reported
Owner Telephone: 5624301822
Contact Name: TONY TRAN
Contact Address: 5074 KATELLA AVE

Contact Address 2: Not reported
Contact Telephone: 5624301822
Mailing Name: Not reported
Mailing Address 1: 5074 KATELLA AVE
Mailing Address 2: Not reported

Mailing City: LOS ALAMITOS

Mailing State: CA

Mailing Zip: 907202802 Owner Fax: 0000000000

Region Code: 4

J37 SERVICE STATION 5511 HIST UST U001565447

NNE 5100 KATELLA 1/8-1/4 LOS ALAMITOS, CA 90720

0.245 mi.

1296 ft. Site 2 of 8 in cluster J

Relative: Higher HIST UST:
File Number: 000290CE

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000290CE.pdf

Actual: 32 ft.

Region: STATE
Facility ID: 0000008023
Facility Type: Gas Station
Other Type: Not reported

Contact Name: ROBERT HENRY BARKER

Telephone: 7145964360

Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 3701 WILSHIRE BOULEVARD-SUITE

Owner City,St,Zip: LOS ANGELES, CA 90010

Total Tanks: 0003

Tank Num: 001
Container Num: 5511-1
Year Installed: 1964
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported

Leak Detection: Stock Inventor, Pressure Test

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

SERVICE STATION 5511 (Continued)

U001565447

Tank Num: 002
Container Num: 5511-2
Year Installed: 1964
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported

Leak Detection: Stock Inventor, Pressure Test

Tank Num: 003
Container Num: 5511-4
Year Installed: 1964
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported

Leak Detection: Stock Inventor, Pressure Test

Click here for Geo Tracker PDF:

J38 TOSCO 05680 RCRA-LQG 1007200349
NNE 5100 KATELLA CAL000169176

1/8-1/4 LOS ALAMITOS, CA 90720

0.245 mi.

1296 ft. Site 3 of 8 in cluster J

Relative: RCRA-LQG:

Higher Date form received by agency: 02/02/2002
Facility name: TOSCO 05680

Facility name: TOSCO 05680
Actual: Facility address: 5100 KATELLA

32 ft. LOS ALAMITOS, CA 90720

EPA ID: CAL000169176

Mailing address: PO BOX 52085
PHOENIX, AZ 85072

Contact: STEVE BOYD
Contact address: Not reported
Not reported

Contact country: US

Contact telephone: 714-428-6572 Contact email: Not reported

EPA Region: 09

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than

100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste: No

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TOSCO 05680 (Continued) 1007200349

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

Violation Status: No violations found

Not reported

Not reported

136

J39 INNABI UNION 76 #1 NNE 5100 KATELLA AVE 1/8-1/4 LOS ALAMITOS, CA 90720 0.245 mi.

1296 ft. Site 4 of 8 in cluster J

SWEEPS UST:

Relative: Status: Higher

Actual: Number: 32 ft.

Comp Number:

Board Of Equalization: 44-015749 Referral Date: Not reported Not reported Action Date: Created Date: Not reported Owner Tank Id: Not reported

30-000-000136-000003 SWRCB Tank Id:

Not reported Tank Status: Capacity: 500 Active Date: Not reported Tank Use: **UNKNOWN** STG: **PRODUCT** Content: Not reported

Number Of Tanks:

Status: Active Comp Number: 136 Number:

Board Of Equalization: 44-015749 09-30-92 Referral Date: Action Date: 09-15-92 02-29-88 Created Date: Not reported Owner Tank Id:

30-000-000136-000001 SWRCB Tank Id:

Tank Status: Α Capacity: 12000 Active Date: Not reported Tank Use: M.V. FUEL

STG:

Content: **REG UNLEADED**

Number Of Tanks:

Status: Active SWEEPS UST

HIST CORTESE

CA FID UST

HAZNET

S101588973

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

INNABI UNION 76 #1 (Continued)

S101588973

Comp Number: 136 Number: 9

Board Of Equalization: 44-015749 Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-000136-000002

Tank Status: Α Capacity: 12000 Active Date: Not reported M.V. FUEL Tank Use: STG:

Content: **REG UNLEADED**

Number Of Tanks: Not reported

CA FID UST:

Facility ID: 30000665 Regulated By: **UTNKA** Regulated ID: Not reported Cortese Code: Not reported SIC Code: Not reported Facility Phone: 2135960153 Mail To: Not reported

911 WILSHIRE BLVD STE 10 Mailing Address:

Mailing Address 2: Not reported

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported Contact Phone: Not reported Not reported DUNs Number: NPDES Number: Not reported EPA ID: Not reported Comments: Not reported Status: Active

HAZNET:

Tons:

envid: S101588973 Year: 2016

CAL000330484 GEPAID: Contact: VICTOR HASSAN Telephone: 7147615426 Mailing Name: Not reported

Mailing Address: 2860 N SANTIAGO BLVD Mailing City, St, Zip: ORANGE, CA 928670000

Gen County: Orange

TSD EPA ID: CAD028409019 TSD County: Los Angeles Waste Category: Tank bottom waste

Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without

> Treatment) 0.22935

Tank bottom waste Cat Decode:

Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Method Decode:

Treatment)

Facility County: Orange

Direction Distance

Elevation Site Database(s) **EPA ID Number**

INNABI UNION 76 #1 (Continued)

S101588973

EDR ID Number

envid: S101588973 Year: 2016 CAL000330484 GEPAID:

VICTOR HASSAN Contact: Telephone: 7147615426 Mailing Name: Not reported

Mailing Address: 2860 N SANTIAGO BLVD Mailing City,St,Zip: ORANGE, CA 928670000

Gen County: Orange TSD EPA ID: CAD028409019 TSD County: Los Angeles Other organic solids Waste Category:

Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery Disposal Method:

(H010-H129) Or (H131-H135)

Tons: 0.0625

Cat Decode: Other organic solids

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Facility County: Orange

envid: S101588973 Year: 2015 GEPAID: CAL000330484 Contact: ALAEDDIN HASSAN Telephone: 7147615426

Mailing Name: Not reported

Mailing Address: 2860 N SANTIAGO BLVD Mailing City, St, Zip: ORANGE, CA 928670000

Gen County: Orange AZR000501510 TSD EPA ID:

TSD County: 99

Waste Category: Other organic solids

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.1

Cat Decode: Not reported Not reported Method Decode: Facility County: Orange

envid: S101588973 Year: 2015

GEPAID: CAL000330484 Contact: ALAEDDIN HASSAN

Telephone: 7147615426 Mailing Name: Not reported

Mailing Address: 2860 N SANTIAGO BLVD Mailing City, St, Zip: ORANGE, CA 928670000

Gen County: Orange TSD EPA ID: CAD028409019 TSD County: Los Angeles Waste Category: Other organic solids

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.05

Cat Decode: Not reported Not reported Method Decode: Facility County: Orange

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

INNABI UNION 76 #1 (Continued)

S101588973

envid: S101588973 Year: 2015

GEPAID: CAL000330484 Contact: ALAEDDIN HASSAN

Telephone: 7147615426 Mailing Name: Not reported

Mailing Address: 2860 N SANTIAGO BLVD Mailing City,St,Zip: ORANGE, CA 928670000

Gen County: Orange TSD EPA ID: CAD028409019 TSD County: Los Angeles Tank bottom waste Waste Category:

Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without

Treatment)

Tons: 0.0834 Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

> Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

HIST CORTESE:

CORTESE Region: Facility County Code: 30 LTNKA Reg By: Reg Id: 083000585T

J40 **H&S ENERGY LLC #16** UST U003942130 NNE **5100 KATELLA AVE** N/A

1/8-1/4 LOS ALAMITOS, CA 90720

0.245 mi.

Site 5 of 8 in cluster J 1296 ft.

UST: Relative:

Facility ID: Not reported Higher

Permitting Agency: Orange County Environmental Health

Actual: 33.80264 Latitude: 32 ft. -118.04396 Longitude:

> Facility ID: 18767

ORANGE COUNTY Permitting Agency: Latitude: 33.8039889 -118.042611 Longitude:

ORANGE CO. UST:

Facility ID: FA0051673

Direction Distance

Elevation Site Database(s) **EPA ID Number**

J41 **UNION OIL SERVICE STATION 5511** LUST 1000166553 **HIST UST** N/A

NNE 5100 KATELLA

1/8-1/4 LOS ALAMITOS, CA 90720

0.245 mi.

1296 ft. Site 6 of 8 in cluster J

LUST: Relative:

ORANGE COUNTY LOP Lead Agency: Higher

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900471 32 ft.

Global Id: T0605900471 Latitude: 33.8029259 -118.0436072 Longitude:

Completed - Case Closed Status:

09/23/2015 Status Date: Case Worker:

RB Case Number: 083000585T

ORANGE COUNTY LOP Local Agency:

File Location: Local Agency Local Case Number: 87UT114

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline

Site History: Please refer to recent Site Documents or Monitoring Reports in

GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports

submitted by consultants for the responsible party.

LUST:

Global Id: T0605900471

Contact Type: Local Agency Caseworker Contact Name: **KEVIN LAMBERT** Organization Name: ORANGE COUNTY LOP

1241 E DYER ROAD SUITE 120 Address:

City: SANTA ANA

Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605900471

Regional Board Caseworker Contact Type: Contact Name: NANCY OLSON-MARTIN

Organization Name: SANTA ANA RWQCB (REGION 8) Address: 3737 MAIN STREET, SUITE 500

RIVERSIDE City:

Email: nolson-martin@waterboards.ca.gov

Phone Number: Not reported

LUST:

Global Id: T0605900471 Action Type: **ENFORCEMENT** Date: 04/28/2009 Action: Staff Letter

T0605900471 Global Id: Action Type: **ENFORCEMENT** 08/13/2013 Date: Action: File review

Global Id: T0605900471 Action Type: **ENFORCEMENT** **EDR ID Number**

Direction Distance Elevation

evation Site Database(s) EPA ID Number

UNION OIL SERVICE STATION 5511 (Continued)

1000166553

EDR ID Number

Date: 08/09/2011 Action: Staff Letter

 Global Id:
 T0605900471

 Action Type:
 REMEDIATION

 Date:
 12/01/2000

Action: Soil Vapor Extraction (SVE)

 Global Id:
 T0605900471

 Action Type:
 REMEDIATION

 Date:
 12/01/1990

 Action:
 Excavation

 Global Id:
 T0605900471

 Action Type:
 REMEDIATION

 Date:
 11/01/1996

 Action:
 Excavation

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 10/06/2008

 Action:
 Staff Letter

 Global Id:
 T0605900471

 Action Type:
 REMEDIATION

 Date:
 05/19/1987

 Action:
 Excavation

 Global Id:
 T0605900471

 Action Type:
 REMEDIATION

 Date:
 01/01/1991

Action: Pump & Treat (P&T) Groundwater

 Global Id:
 T0605900471

 Action Type:
 REMEDIATION

 Date:
 11/03/2004

Action: In Situ Physical/Chemical Treatment (other than SVE)

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 07/14/2009

 Action:
 Staff Letter

Global Id: T0605900471
Action Type: ENFORCEMENT
Date: 10/29/2014

Action: Notification - Public Participation Document

 Global Id:
 T0605900471

 Action Type:
 Other

 Date:
 05/19/1987

 Action:
 Leak Began

Global Id: T0605900471
Action Type: ENFORCEMENT
Date: 10/29/2014

Action: Notification - Public Notice of Case Closure

Direction Distance

Elevation Site Database(s) EPA ID Number

UNION OIL SERVICE STATION 5511 (Continued)

1000166553

EDR ID Number

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 04/05/2004

 Action:
 Staff Letter

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 07/19/2004

 Action:
 Staff Letter

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 11/19/2003

 Action:
 Staff Letter

 Global Id:
 T0605900471

 Action Type:
 RESPONSE

 Date:
 12/17/2012

Action: Request for Closure - Regulator Responded

Global Id: T0605900471
Action Type: ENFORCEMENT
Date: 09/23/2015

Action: LOP Case Closure Summary to RB

 Global Id:
 T0605900471

 Action Type:
 Other

 Date:
 05/19/1987

 Action:
 Leak Reported

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 01/09/2015

Action: Notification - Preclosure

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 11/09/2009

 Action:
 Staff Letter

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 05/10/2011

 Action:
 File review

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 10/18/2012

 Action:
 File review

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 12/19/2012

 Action:
 Staff Letter

Global Id: T0605900471 Action Type: Other

Direction Distance

Elevation Site Database(s) EPA ID Number

UNION OIL SERVICE STATION 5511 (Continued)

05/19/1987 Leak Discovery

 Global Id:
 T0605900471

 Action Type:
 ENFORCEMENT

 Date:
 09/23/2015

Action: Closure/No Further Action Letter

LUST:

Date:

Action:

Global Id: T0605900471

Status: Open - Case Begin Date

Status Date: 05/17/1987

Global Id: T0605900471

Status: Open - Site Assessment

Status Date: 05/17/1987

Global Id: T0605900471

Status: Open - Site Assessment

Status Date: 07/01/1987

Global Id: T0605900471

Status: Open - Site Assessment

Status Date: 03/17/1988

Global Id: T0605900471

Status: Open - Site Assessment

Status Date: 10/15/1990

Global Id: T0605900471 Status: Open - Remediation

Status Date: 11/01/1999

Global Id: T0605900471 Status: Open - Remediation

Status Date: 12/31/2000

Global Id: T0605900471

Status: Open - Site Assessment

Status Date: 08/09/2011

Global Id: T0605900471

Status: Open - Eligible for Closure

Status Date: 03/13/2013

Global Id: T0605900471

Status: Completed - Case Closed

Status Date: 09/23/2015

ORANGE CO. LUST:

Region: ORANGE Facility Id: 87UT114

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Date Closed: 09/23/2015 Record ID: RO0001279 **EDR ID Number**

1000166553

Direction Distance

Elevation Site Database(s) EPA ID Number

UNION OIL SERVICE STATION 5511 (Continued)

1000166553

EDR ID Number

LUST REG 8:

Region: 8
County: Orange

Regional Board: Santa Ana Region

Facility Status: Remedial action (cleanup) Underway

 Case Number:
 083000585T

 Local Case Num:
 87UT114

Case Type: Other ground water affected

Substance: Gasoline Qty Leaked: 0

Abate Method:

Cross Street:

Enf Type:

Funding:

Not reported

SEL

Not reported

Not reported

How Discovered: Tank Closure New Tank How Stopped: Leak Cause: Unknown Leak Source: Tank Global ID: T0605900471 9/9/9999 How Stopped Date: Not reported Enter Date: 5/17/1987 Date Confirmation of Leak Began:

Enforcement Date: Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: 7/1/1987 Date Pollution Characterization Began: 10/15/1990 Date Remediation Plan Submitted: 11/1/1999 12/31/2000 Date Remedial Action Underway: Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies:

Date Preliminary Assessment Began:

Discover Date:

Soil Qualifies: Not reported Not reported Operator: Facility Contact: Not reported Not reported Interim: Oversite Program: LUST 33.8029259 Latitude: -118.0436072 Longitude: MTBE Date: 6/15/2004 Max MTBE GW: 86000 MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

3/17/1988 5/19/1987

MTBE Class:

Staff: NOM Staff Initials: SS

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported

Summary: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

UNION OIL SERVICE STATION 5511 (Continued)

1000166553

HIST UST:

File Number: 0002D6E3

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D6E3.pdf

Region: STATE Facility ID: 00000056204 Facility Type: Gas Station Other Type: Not reported

ROBERT HENRY BARKER Contact Name:

Telephone: 7145964360

Owner Name: UNION OIL COMPANY OF CALIFORNI Owner Address: 3701 WILSHIRE BOULEVARD-SUITE

Owner City,St,Zip: LOS ANGELES, CA 90010

Total Tanks: 0001

Tank Num: 001 Container Num:

Year Installed: Not reported Tank Capacity: 00000120 Tank Used for: WASTE WASTE OIL Type of Fuel: Container Construction Thickness: Not reported Leak Detection: None

Click here for Geo Tracker PDF:

K42 **MAGIC CLEANERS** SLIC S108756741 NNW **4276 KATELLA AVENUE** N/A

1/8-1/4 0.247 mi.

1303 ft. Site 1 of 3 in cluster K

SLIC: Relative: STATE Region: Higher

LOS ALAMITOS, CA 90720

Facility Status: Completed - Case Closed

Actual: Status Date: 02/08/2007 27 ft. Global Id: SL0605979611

> SANTA ANA RWQCB (REGION 8) Lead Agency:

Lead Agency Case Number: Not reported Latitude: 33.802974 Longitude: -118.057166

Case Type: Cleanup Program Site

Case Worker: JPL

Local Agency: Not reported RB Case Number: Not reported File Location: Regional Board

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil

Potential Contaminants of Concern: Tetrachloroethylene (PCE)

Site History: Soil and groundwater were containinated with dry cleaning solvents

(PCE). Soil vapor extraction of the PCE-affected soil and groundwater monitoring at the site began in June 2004, and the operation was discontinued in March 2006. Soil excavation/removal of the

PCE-affected soil was the final remediation measure required and was implemented in November 2006. Regional Board staff issued a "no

further action" letter on Februrary 8, 2007.

Click here to access the California GeoTracker records for this facility:

Direction Distance

Elevation Site Database(s) EPA ID Number

K43 DIVERSICARE RCRA-SQG 1000818477
NNW 4290 KATELLA AVE FINDS CAD983643503

1/8-1/4 LOS ALAMITOS, CA 90720

0.247 mi.

Actual:

27 ft.

1303 ft. Site 2 of 3 in cluster K

Relative: RCRA-SQG:

Higher Date form received by agency: 07/22/1992

Facility name: DIVERSICARE
Facility address: 4290 KATELLA AVE

LOS ALAMITOS, CA 90720

EPA ID: CAD983643503 Mailing address: KATELLA AVE

LOS ALAMITOS, CA 90720

Contact: KATIE BANTA
Contact address: 4290 KATELLA AVE

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 310-594-6857 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: GREGORY L BANTA
Owner/operator address: 4290 KATELLA AVE

LOS ALAMITOS, CA 90720

Not reported Owner/operator country: Owner/operator telephone: 310-594-6857 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 **EDR ID Number**

ECHO

Direction Distance

Elevation Site Database(s) **EPA ID Number**

DIVERSICARE (Continued) 1000818477

Violation Status: No violations found

FINDS:

Registry ID: 110002881276

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:

1000818477 Envid: Registry ID: 110002881276

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002881276

RCRA-SQG K44 **MAGIC CLEANERS** 1000818656 CAD983645615

NNW **4276 KATELLA AVE** SLIC 1/8-1/4 LOS ALAMITOS, CA 90720 **FINDS** 0.247 mi. **ECHO**

1303 ft. Site 3 of 3 in cluster K

RCRA-SQG: Relative:

Higher Date form received by agency: 10/19/1993

Facility name: MAGIC CLEANERS Actual: Facility address: 4276 KATELLA AVE 27 ft.

LOS ALAMITOS, CA 90720

EPA ID: CAD983645615 Contact: NOE GALVAN Contact address: 4276 KATELLA AVE

LOS ALAMITOS, CA 90720

Contact country: US

310-799-9490 Contact telephone: Contact email: Not reported

EPA Region:

Classification: Small Small Quantity Generator

Handler: generates more than 100 and less than 1000 kg of hazardous Description:

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOE GALVAN Owner/operator address: 4276 KATELLA AVE

LOS ALAMITOS, CA 90720

Owner/operator country: Not reported Owner/operator telephone: 310-799-9490 Owner/operator email: Not reported Owner/operator fax: Not reported

HAZNET

EDR ID Number

Direction Distance Elevation

Site Database(s) EPA ID Number

MAGIC CLEANERS (Continued)

1000818656

EDR ID Number

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: Nο 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

Violation Status: No violations found

SLIC REG 8:

Type: Soil and Groundwater

Facility Status:

Staff:

Substance:

Lead Agency:

Location Code:

Thomas Bros Code:

Closed

JPL

PCE, VOCS

Regional Board

Not reported

Not reported

FINDS:

Registry ID: 110006483581

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Direction Distance Elevation

EDR ID Number Site Database(s) **EPA ID Number**

MAGIC CLEANERS (Continued)

1000818656

ECHO:

1000818656 Envid: Registry ID: 110006483581

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006483581

HAZNET:

envid: 1000818656 2004 Year:

GEPAID: CAD983645615 U GALVAN Contact: Telephone: 5627999490 Mailing Name: Not reported Mailing Address: 4276 KATELLA AVE

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported TSD EPA ID: CAD008302903 TSD County: Not reported

Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene,

Disposal Method: Recycler Tons: 0.12

Not reported Cat Decode: Method Decode: Not reported Facility County: Orange

envid: 1000818656 Year: 2004

GEPAID: CAD983645615 U GALVAN Contact: 5627999490 Telephone: Mailing Name: Not reported Mailing Address: 4276 KATELLA AVE

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported TSD EPA ID: CAD008302903 TSD County: Not reported

Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene,

Transfer Station Disposal Method:

Tons: 0.1

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

1000818656 envid:

Year: 2002 GEPAID: CAD983645615 Contact: U GALVAN 5627999490 Telephone: Mailing Name: Not reported

Mailing Address: 4276 KATELLA AVE

LOS ALAMITOS, CA 907200000 Mailing City, St, Zip:

Gen County: Not reported TSD EPA ID: CAD008302903 TSD County: Not reported

Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene,

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MAGIC CLEANERS (Continued)

1000818656

etc)

Transfer Station Disposal Method:

0.08 Tons:

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

envid: 1000818656 Year: 2002

GEPAID: CAD983645615 Contact: U GALVAN Telephone: 5627999490 Mailing Name: Not reported Mailing Address: 4276 KATELLA AVE

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported TSD EPA ID: CAD008302903 TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Not reported Not reported Tons: Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

envid: 1000818656

Year: 2002

GEPAID: CAD983645615 Contact: U GALVAN 5627999490 Telephone: Mailing Name: Not reported Mailing Address: 4276 KATELLA AVE

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported TSD EPA ID: CAD008302903 TSD County: Not reported

Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene,

etc)

Recycler Disposal Method: Tons: 0.22 Cat Decode: Not reported Method Decode:

Not reported Facility County: Orange

> Click this hyperlink while viewing on your computer to access 13 additional CA_HAZNET: record(s) in the EDR Site Report.

J45 LOS ALAMITOS RACE TRACK

NNE **4961 E KATELLA** 1/4-1/2

LOS ALAMITOS, CA 90720 0.270 mi.

1425 ft. Site 7 of 8 in cluster J

Relative: Higher

Actual: 31 ft.

RCRA-SQG 1000101555 CAD981684483 LUST **SWEEPS UST**

CA FID UST Orange Co. Industrial Site

FINDS ECHO

HAZNET HIST CORTESE

Direction Distance Elevation

vation Site Database(s) EPA ID Number

LOS ALAMITOS RACE TRACK (Continued)

1000101555

EDR ID Number

RCRA-SQG:

Date form received by agency: 10/20/1986

Facility name: LOS ALAMITOS RACE TRACK

Facility address: 4961 E KATELLA

LOS ALAMITOS, CA 90720

EPA ID: CAD981684483

Contact: ENVIRONMENTAL MANAGER

Contact address: 4961 E KATELLA

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 213-598-5895 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: HOLLYWOOD PARK OPER

Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Private Legal status: Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported 415-555-1212 Owner/operator telephone: 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

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS RACE TRACK (Continued)

1000101555

Used oil fuel burner: 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

No violations found Violation Status:

LUST REG 8:

8 Region: County: Orange

Regional Board: Santa Ana Region Facility Status: Case Closed 083001061T Case Number: Local Case Num: 88UT153

Case Type: Other ground water affected

Substance: Gasoline Qty Leaked: 0

Abate Method: Not reported Not reported Cross Street: Enf Type: Not reported Funding: Not reported How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown

Global ID: T0605900836 How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 8/9/1988 Not reported **Enforcement Date:** 6/26/1996 Close Date: Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported

Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.8029319 Latitude: Longitude: -118.0466934 MTBE Date: Not reported

Not reported Max MTBE GW: MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

MTBE Class:

NOM Staff:

Distance Elevation

Site Database(s) EPA ID Number

LOS ALAMITOS RACE TRACK (Continued)

1000101555

EDR ID Number

Staff Initials: SS

Lead Agency:
Local Agency
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported
Not reported

Summary: Not reported

Region: 8
County: Orange

Regional Board:

Facility Status:

Case Closed

Case Number:

Local Case Num:

97UT016

Case Type:

Soil only

Substance:

Qty Leaked:

Santa Ana Region

Case Closed

083003034T

97UT016

Soil only

Gasoline

0

Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Not reported Fundina: How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown Global ID: T0605902069 9/9/9999 How Stopped Date: Not reported Enter Date: Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 6/23/1997 **Enforcement Date:** Not reported 7/29/1997 Close Date: Not reported Date Prelim Assessment Workplan Submitted: Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST Latitude: 33.8029319 Longitude: -118.0466934 MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

MTBE Class:

Staff: NOM

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS RACE TRACK (Continued)

1000101555

EDR ID Number

Staff Initials:

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Not reported

Work Suspended: Not reported

Summary: Not reported

SWEEPS UST:

Not reported Status: 5314 Comp Number: Number: Not reported Board Of Equalization: Not reported Not reported Referral Date: Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-005314-000006

Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 5314
Number: Not reported
Board Of Equalization: Not reported

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWDCR Tank Id: 20,000,00534

SWRCB Tank ld: 30-000-005314-000007

Tank Status: Not reported
Capacity: 1500
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported Comp Number: 5314 Not reported Number: Board Of Equalization: Not reported Not reported Referral Date: Action Date: Not reported Created Date: Not reported Not reported Owner Tank Id:

SWRCB Tank ld: 30-000-005314-000008

Tank Status: Not reported Capacity: 1500
Active Date: Not reported

Direction Distance Elevation

Site Database(s) **EPA ID Number**

LOS ALAMITOS RACE TRACK (Continued)

1000101555

EDR ID Number

Tank Use: **UNKNOWN** STG: **PRODUCT** Not reported Content: Number Of Tanks: Not reported

Not reported Comp Number: 5314 Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Not reported Created Date: Not reported Owner Tank Id:

SWRCB Tank Id: 30-000-005314-000009

Tank Status: Not reported Capacity: 1000 Active Date: Not reported Tank Use: UNKNOWN STG: **PRODUCT** Content: Not reported Number Of Tanks: Not reported

Not reported Status: Comp Number: 5314 Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Created Date: Not reported

Not reported SWRCB Tank Id: 30-000-005314-000010

Tank Status: Not reported Capacity: 2000 Active Date: Not reported UNKNOWN Tank Use: **PRODUCT** STG: Content: Not reported Number Of Tanks: Not reported

Owner Tank Id:

Status: Active Comp Number: 5314 Number:

Board Of Equalization: Not reported 09-30-92 Referral Date: 09-15-92 Action Date: Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-005314-000011

Tank Status: Α 5000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL

STG:

Content: **REG UNLEADED**

Number Of Tanks:

Status: Active

Direction
Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS RACE TRACK (Continued)

1000101555

EDR ID Number

Comp Number: 5314 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-005314-000012

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: DIESEL
Number Of Tanks: Not reported

Status: Active Comp Number: 5314 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-005314-000013

Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: LEADED
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 30000858
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149951234
Mail To: Not reported

Mailing Address: 4961 KATELLA ATTN: LEONAR

Mailing Address 2: Not reported

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Orange Co. Industrial Site:

 Case ID:
 89IC018

 Record ID:
 RO0000192

 Current Status:
 CLOSED 2/5/1990

Direction Distance Elevation

vation Site Database(s) EPA ID Number

LOS ALAMITOS RACE TRACK (Continued)

1000101555

EDR ID Number

Closure Type: Closed pre 1994, file review required to determine closure type

Released Chemical: DATA NOT ENTERED, SEE FILE

FINDS:

Registry ID: 110002751683

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

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

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000101555 Registry ID: 110002751683

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002751683

HAZNET:

envid: 1000101555 Year: 2001

GEPAID: CAD981684483

Contact: FRANK SHERREN FACILITY MANAGER

Telephone: 7148202800
Mailing Name: Not reported
Mailing Address: 4961 E KATELLA

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported TSD EPA ID: CAT000613893 TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Transfer Station

Tons: 0.32

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

LOS ALAMITOS RACE TRACK (Continued)

1000101555

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

envid: 1000101555 Year: 1998

GEPAID: CAD981684483
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 4961 E KATELLA

Mailing City, St, Zip: LOS ALAMITOS, CA 907200000

Gen County: Not reported TSD EPA ID: CAT000613893 TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Transfer Station

Tons: .0625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083003034T

J46 LARC CAFO AREA IMPROVEMENTS LUST S100723265
NNE 4961 KATELLA AVE ENF N/A

1/4-1/2 LOS ALAMITOS, CA 90720 HIST CORTESE 0.270 mi. NPDES

1425 ft. Site 8 of 8 in cluster J

Relative: LUST:

Higher Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900836

31 ft. Global ld: T0605900836 Latitude: 33.8029319

Longitude: -118.0466934 Status: Completed - Case Closed

Status Date: 06/26/1996

Case Worker: KL

RB Case Number: 083001061T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 88UT153

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0605900836

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

Direction Distance

Elevation Site Database(s) EPA ID Number

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

EDR ID Number

City: SANTA ANA Email: slambert@ochca.com

Phone Number: 7144336261

Global Id: T0605900836

Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: nolson-martin@waterboards.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605900836

 Action Type:
 Other

 Date:
 08/09/1988

 Action:
 Leak Discovery

 Global Id:
 T0605900836

 Action Type:
 Other

 Date:
 08/09/1988

 Action:
 Leak Reported

LUST:

Global Id: T0605900836

Status: Open - Case Begin Date

Status Date: 08/09/1988

Global Id: T0605900836

Status: Completed - Case Closed

Status Date: 06/26/1996

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902069

Global Id: T0605902069
Latitude: 33.807404
Longitude: -118.04396

Status: Completed - Case Closed

Status Date: 07/29/1997

Case Worker: KL

RB Case Number: 083003034T

Local Agency: ORANGE COUNTY LOP

File Location:

Local Agency
Local Case Number:

Potential Media Affect:

Potential Contaminants of Concern:
Site History:

Local Agency
97UT016
Soil
Potential Contaminants of Concern:
Gasoline
Not reported

LUST:

Global Id: T0605902069

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

Direction Distance

Elevation Site Database(s) EPA ID Number

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

EDR ID Number

City: SANTA ANA

Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605902069

Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)

Address: SANTA ANA RWQCB (REGION 8

City: RIVERSIDE

Email: nolson-martin@waterboards.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605902069

 Action Type:
 Other

 Date:
 06/23/1997

 Action:
 Leak Discovery

 Global Id:
 T0605902069

 Action Type:
 Other

 Date:
 06/30/1997

 Action:
 Leak Reported

LUST:

Global Id: T0605902069

Status: Open - Case Begin Date

Status Date: 06/23/1997

Global Id: T0605902069

Status: Completed - Case Closed

Status Date: 07/29/1997

ORANGE CO. LUST:

Region: ORANGE Facility Id: 88UT153

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Date Closed: 06/26/1996 Record ID: RO0002572

Region: ORANGE Facility Id: 97UT016

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Date Closed: 07/29/1997 Record ID: RO0001369

ENF:

Region: 8 Facility Id: 259101

Agency Name: Los Alamitos Race Course Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type: Industrial

Agency Type: Privately-Owned Business

Direction Distance

Elevation Site Database(s) EPA ID Number

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

EDR ID Number

Of Agencies: 1
Place Latitude: 33.80311
Place Longitude: -118.044244

SIC Code 1: 7948

SIC Desc 1: Racing, Including Track Operations

SIC Code 2: Not reported SIC Desc 2: Not reported Not reported SIC Code 3: SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places: 1

Source Of Facility: Reg Meas
Design Flow: 6.49999999

Threat To Water Quality: 3
Complexity: C

X - Facility is not a POTW Pretreatment: Facility Waste Type: Stormwater runoff Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **ANIWSTOTH** Program Category1: **ANIMALWASTE** Program Category2: **ANIMALWASTE**

Of Programs:

WDID: 8 301432001
Reg Measure Id: 364287
Reg Measure Type: NPDES Permits

Region: 8

 Order #:
 R8-2009-0017

 Npdes# CA#:
 CA0106348

 Major-Minor:
 Minor

 Npdes Type:
 OTH

 Reclamation:
 N - No

 Dredge Fill Fee:
 Not reported

301H: N Application Fee Amt Received: Not reported

Status: Historical Status Date: 08/06/2015 Effective Date: 03/27/2009 Expiration/Review Date: 03/01/2014 Termination Date: 07/31/2015 WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: I

Fee Code: 66 - NPDES Based on Flow

Direction/Voice: Passive Enforcement Id(EID): 399232

Direction Distance

Elevation Site Database(s) EPA ID Number

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

EDR ID Number

Region: 8

Order / Resolution Number: R8-2014-0080 Enforcement Action Type: Admin Civil Liability Effective Date: 12/22/2014 Adoption/Issuance Date: 12/22/2014 Achieve Date: Not reported 01/30/2015 Termination Date: ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: ACL R8-2014-0080 for Los Alamitos Race Course Description: Enforcement action towards Discharger is due to a

non-stormwater unauthorized discharge.

Program: ANIWSTOTH

Latest Milestone Completion Date: 2015-01-30

Of Programs1:

Total Assessment Amount:
9890
Initial Assessed Amount:
9890
Liability \$ Amount:
9890
Project \$ Amount:
0
Liability \$ Paid:
9890
Project \$ Completed:
0
Total \$ Paid/Completed Amount:
9890

 Region:
 8

 Facility Id:
 259101

Agency Name: Los Alamitos Race Course Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type: Industrial

Agency Type: Privately-Owned Business

Of Agencies: 1
Place Latitude: 33.80311
Place Longitude: -118.044244
SIC Code 1: 7948

SIC Desc 1: Racing, Including Track Operations

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported Not reported NAICS Desc 2: NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Reg Meas
Design Flow: 6.49999999

Threat To Water Quality: 3
Complexity: C

Pretreatment: X - Facility is not a POTW
Facility Waste Type: Stormwater runoff
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: ANIWSTOTH

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

Program Category1: ANIMALWASTE Program Category2: ANIMALWASTE

Of Programs: 1

WDID: 8 301432001 Reg Measure Id: 364287 Reg Measure Type: **NPDES Permits**

Region: Order #:

R8-2009-0017 Npdes# CA#: CA0106348 Major-Minor: Minor Npdes Type: OTH Reclamation: N - No Dredge Fill Fee: Not reported

301H:

Application Fee Amt Received: Not reported Status: Historical Status Date: 08/06/2015 Effective Date: 03/27/2009 Expiration/Review Date: 03/01/2014 Termination Date: 07/31/2015 WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: Not reported

WDR Review - Planned: Status Enrollee: Individual/General:

66 - NPDES Based on Flow Fee Code:

Direction/Voice: **Passive** 398238 Enforcement Id(EID): Region:

Order / Resolution Number: Not reported

Enforcement Action Type: Staff Enforcement Letter

09/24/2014 Effective Date: 09/24/2014 Adoption/Issuance Date: Achieve Date: Not reported Termination Date: Not reported ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Active

Title: SEL 09/24/2014 for Los Alamitos Race Course

Description: Not reported **ANIWSTOTH** Program: Latest Milestone Completion Date: Not reported

Of Programs1: **Total Assessment Amount:** 0 Initial Assessed Amount: 0 Liability \$ Amount: n Project \$ Amount: 0 Liability \$ Paid: 0 Project \$ Completed: 0 Total \$ Paid/Completed Amount: 0

HIST CORTESE:

Region: CORTESE Facility County Code: 30

Direction Distance Elevation

Site Database(s) **EPA ID Number**

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

EDR ID Number

Reg By: **LTNKA** 083001061T Reg Id:

NPDES:

Npdes Number: CAS000002 Facility Status: **Terminated**

Agency Id: Region: 8

Regulatory Measure Id: 411471

2009-0009-DWQ Order No: Regulatory Measure Type: Enrollee Place Id: Not reported WDID: 8 30C360370 Program Type: Construction Adoption Date Of Regulatory Measure: Not reported

Effective Date Of Regulatory Measure: 02/09/2011 **Expiration Date Of Regulatory Measure:** Not reported Termination Date Of Regulatory Measure: 09/02/2015

Discharge Name: Los alamitos Race Course

Discharge Address: 4961 Discharge City: Los Alamitos Discharge State: California Discharge Zip: 90720 RECEIVED DATE: Not reported PROCESSED DATE: Not reported STATUS CODE NAME: Not reported STATUS DATE: Not reported PLACE SIZE: Not reported

PLACE SIZE UNIT: Not reported FACILITY CONTACT NAME: Not reported **FACILITY CONTACT TITLE:** Not reported **FACILITY CONTACT PHONE:** Not reported FACILITY CONTACT PHONE EXT: Not reported Not reported **FACILITY CONTACT EMAIL:** Not reported **OPERATOR NAME: OPERATOR ADDRESS:** Not reported OPERATOR CITY: Not reported **OPERATOR STATE:** Not reported **OPERATOR ZIP:** Not reported **OPERATOR CONTACT NAME:** Not reported **OPERATOR CONTACT TITLE:** Not reported **OPERATOR CONTACT PHONE:** Not reported

OPERATOR CONTACT PHONE EXT: Not reported **OPERATOR CONTACT EMAIL:** Not reported **OPERATOR TYPE:** Not reported **DEVELOPER NAME:** Not reported **DEVELOPER ADDRESS:** Not reported **DEVELOPER CITY:** Not reported **DEVELOPER STATE:** Not reported **DEVELOPER ZIP:** Not reported **DEVELOPER CONTACT NAME:** Not reported **DEVELOPER CONTACT TITLE:** Not reported

CONSTYPE LINEAR UTILITY IND: Not reported Not reported **EMERGENCY PHONE NO:** EMERGENCY PHONE EXT: Not reported CONSTYPE ABOVE GROUND IND: Not reported CONSTYPE BELOW GROUND IND: Not reported

Direction Distance Elevation

ance EDR ID Number ration Site Database(s) EPA ID Number

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

CONSTYPE CABLE LINE IND: Not reported CONSTYPE COMM LINE IND: Not reported CONSTYPE COMMERTIAL IND: Not reported CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported Not reported CONSTYPE OTHER DESRIPTION: CONSTYPE OTHER IND: Not reported CONSTYPE RECONS IND: Not reported CONSTYPE RESIDENTIAL IND: Not reported CONSTYPE TRANSPORT IND: Not reported CONSTYPE UTILITY DESCRIPTION: Not reported CONSTYPE UTILITY IND: Not reported CONSTYPE WATER SEWER IND: Not reported DIR DISCHARGE USWATER IND: Not reported RECEIVING WATER NAME: Not reported **CERTIFIER NAME:** Not reported **CERTIFIER TITLE:** Not reported **CERTIFICATION DATE:** Not reported PRIMARY SIC: Not reported SECONDARY SIC: Not reported **TERTIARY SIC:** Not reported

Npdes Number: Not reported Facility Status: Not reported Agency Id: Not reported Region: 8

Regulatory Measure Id: 411471 Order No: Not reported Regulatory Measure Type: Construction Place Id: Not reported WDID: 8 30C360370 Program Type: Not reported Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: Not reported Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: 09/02/2015 Discharge Name: Not reported Discharge Address: Not reported Discharge City: Not reported Discharge State: Not reported Discharge Zip: Not reported RECEIVED DATE: 02/07/2011 PROCESSED DATE: 02/09/2011 STATUS CODE NAME: **Terminated** STATUS DATE: 10/12/2015 PLACE SIZE: 38.9 PLACE SIZE UNIT: Acres

FACILITY CONTACT NAME: Frank Sherren
FACILITY CONTACT TITLE: Facility Manager
FACILITY CONTACT PHONE: 714-820-2715
FACILITY CONTACT PHONE EXT: Not reported

FACILITY CONTACT EMAIL: fsherren@losalamitos.com
OPERATOR NAME: Los alamitos Race Course

OPERATOR ADDRESS: 4961
OPERATOR CITY: Los Alamitos
OPERATOR STATE: California

Direction Distance

Elevation Site Database(s) EPA ID Number

LARC CAFO AREA IMPROVEMENTS (Continued)

S100723265

EDR ID Number

OPERATOR ZIP: 90720
OPERATOR CONTACT NAME: Frank Sherren
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: 714-820-2800
OPERATOR CONTACT PHONE EXT: Not reported

OPERATOR CONTACT EMAIL: fsherren@losalamitos.com

OPERATOR TYPE: Private Business

DEVELOPER NAME: Los alamitos Race Course

DEVELOPER ADDRESS:

DEVELOPER CITY:

DEVELOPER STATE:

DEVELOPER ZIP:

DEVELOPER CONTACT NAME:

DEVELOPER CONTACT TITLE:

Verall 4961 Katella Ave

Los Alamitos

California

90720

Frank Sherren

Not reported

CONSTYPE LINEAR UTILITY IND: N

EMERGENCY PHONE NO: Not reported EMERGENCY PHONE EXT: Not reported CONSTYPE ABOVE GROUND IND: Not reported CONSTYPE BELOW GROUND IND: Not reported CONSTYPE CABLE LINE IND: Not reported CONSTYPE COMM LINE IND: Not reported Not reported CONSTYPE COMMERTIAL IND: CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported CONSTYPE OTHER DESRIPTION: institutional

CONSTYPE OTHER IND: Y
CONSTYPE RECONS IND: Y

CONSTYPE RESIDENTIAL IND:

CONSTYPE TRANSPORT IND:

CONSTYPE UTILITY DESCRIPTION:

CONSTYPE UTILITY IND:

CONSTYPE WATER SEWER IND:

Not reported

Not reported

DIR DISCHARGE USWATER IND: N

RECEIVING WATER NAME:

CERTIFIER NAME:

CERTIFIER TITLE:

CERTIFICATION DATE:

PRIMARY SIC:

SECONDARY SIC:

TERTIARY SIC:

Not reported

Not reported

Not reported

Not reported

47 REPLANET LLC NE 5401 KATELLA AVE 1/4-1/2 CYPRESS, CA 90720

0.271 mi. 1433 ft.

Relative: SWRCY: Higher Reg Id

Reg ld: 218172 Cert ld: RC218172.001

Actual: Mailing Address: 800 N Haven Ave Suite 120

33 ft. Mailing City: Ontario
Mailing State: CA
Mailing Zip Code: 91764

Website: http://www.replanet.com

Email: Not reported Phone Number: (877) 737-5263

S109039828

N/A

SWRCY

CHMIRS

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

REPLANET LLC (Continued)

S109039828

Grand Father: N Rural: N

Operation Begin Date: 11/01/2014

 Aluminium:
 Y

 Glass:
 Y

 Plastic:
 Y

 Bimetal:
 Y

 Agency:
 N/A

 Monday Hours Of Operation:
 CLOSED

Tuesday Hours Of Operation:

Wednesday Hours Of Operation:

Thursday Hours Of Operation:

Friday Hours Of Operation:

Friday Hours Of Operation:

Saturday Hours Of Operation:

10:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm
10:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm
10:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm
10:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm

Sunday Hours Of Operation: CLOSED
Organization ID: 151891
Organization Name: rePlanet LLC

CHMIRS:

OES Incident Number: 6-3429 OES notification: 06/09/2006 OES Date: Not reported **OES Time:** Not reported **Date Completed:** Not reported Not reported Property Use: Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported **Property Management:** Not reported More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported Not reported Vehicle Make/year: Not reported Vehicle License Number: Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Unknown Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

REPLANET LLC (Continued) S109039828

Date/Time: Not reported 2006 Year:

Bills Sound Security / Costco Agency:

Incident Date: 6/9/2006 12:00:00 AM Admin Agency: Orange County Emergency Managment Div

Not reported Amount: Contained: Unknown

Site Type: Merchant/Business E Date: Not reported Substance: Freon Gas 0.000000 Gallons: Unknown:

Substance #2: Not reported Substance #3: Not reported

Evacuations: Number of Injuries: 0 Number of Fatalities: 0

#1 Pipeline: Not reported #2 Pipeline: Not reported #3 Pipeline: Not reported #1 Vessel >= 300 Tons: Not reported #2 Vessel >= 300 Tons: Not reported Not reported #3 Vessel >= 300 Tons: Evacs: Not reported Injuries: Not reported Fatals: Not reported Comments: Not reported

Description: Caller advised that an alarm panel is emitting a signal notifying them of a Freon gas release.

48 **DOMINION PROPERTY** LUST S102428881 NNW **4281 KATELLA HIST UST** N/A **HIST CORTESE**

LOS ALAMITOS, CA 90720 1/4-1/2

0.309 mi. 1629 ft.

LUST: Relative:

Lead Agency: ORANGE COUNTY LOP Higher Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900747 27 ft.

Global Id: T0605900747 Latitude: 33.803275 Longitude: -118.0582298

Status: Completed - Case Closed

06/04/1986 Status Date: Case Worker: KL 083000939T

RB Case Number: ORANGE COUNTY LOP Local Agency:

File Location: Local Agency Local Case Number: 86UT013 Potential Media Affect: **Under Investigation** Potential Contaminants of Concern: Diesel, Gasoline Site History: Not reported

LUST:

Global Id: T0605900747

Contact Type: Local Agency Caseworker Contact Name: **KEVIN LAMBERT**

Direction Distance

Elevation Site Database(s) **EPA ID Number**

DOMINION PROPERTY (Continued)

S102428881

EDR ID Number

Organization Name: ORANGE COUNTY LOP Address:

1241 E DYER ROAD SUITE 120 City: SANTA ANA

Email: klambert@ochca.com Phone Number: 7144336261

Global Id: T0605900747

Contact Type: Regional Board Caseworker Contact Name: PATRICIA HANNON

Organization Name: SANTA ANA RWQCB (REGION 8) 3737 MAIN STREET, SUITE 500 Address:

RIVERSIDE City:

Email: phannon@waterboards.ca.gov

Phone Number: Not reported

LUST:

T0605900747 Global Id: Action Type: **ENFORCEMENT** Date: 06/04/1986

Closure/No Further Action Letter Action:

LUST:

T0605900747 Global Id:

Open - Case Begin Date Status:

Status Date: 03/07/1986

Global Id: T0605900747

Status: Completed - Case Closed

06/04/1986 Status Date:

ORANGE CO. LUST:

ORANGE Region: 86UT013 Facility Id:

Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4; Gasoline-Automotive

(motor gasoline and additives), leaded & unleaded

Date Closed: 06/04/1986 RO0001049 Record ID:

LUST REG 8:

Region: County: Orange

Regional Board: Santa Ana Region Facility Status: Case Closed Case Number: 083000939T 86UT013 Local Case Num: Case Type: Undefined Substance: 12034.800661

Qty Leaked:

0 Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Funding: Not reported How Discovered: Tank Closure How Stopped: Close Tank

Direction Distance

Elevation Site Database(s) **EPA ID Number**

DOMINION PROPERTY (Continued)

S102428881

EDR ID Number

Leak Cause: Unknown Leak Source: Unknown Global ID: T0605900747 How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Not reported Date Preliminary Assessment Began: Discover Date: 1/1/1965 **Enforcement Date:** Not reported Close Date: 6/4/1986 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.803275 Latitude: Longitude: -118.0582298 MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel: 0

MTBE Tested: Not Required to be Tested.

MTBE Class: Staff: PAH Staff Initials: SS

Lead Agency: Local Agency Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

HIST UST:

File Number: 0002EAEE

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EAEE.pdf

Region: Not reported Facility ID: Not reported Facility Type: Not reported Not reported Other Type: Not reported Contact Name: Not reported Telephone: Owner Name: Not reported Not reported Owner Address: Not reported Owner City, St, Zip: Total Tanks: Not reported

Tank Num: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

DOMINION PROPERTY (Continued)

S102428881

Container Num: Not reported Not reported Year Installed: Tank Capacity: Not reported Tank Used for: Not reported Type of Fuel: Not reported Container Construction Thickness: Not reported Not reported Leak Detection:

Click here for Geo Tracker PDF:

HIST CORTESE:

CORTESE Region: Facility County Code: 30 Reg By: **LTNKA** Reg Id: 083000939T

LOS ALAMITOS MERCURY 49 SEMS 1010417236 NW 3772 KATELLA BLVD. CAN000908521

1/4-1/2 0.317 mi.

SIGNAL HILL, CA

1674 ft.

SEMS: Relative: Site ID: Lower

EPA ID: CAN000908521 Actual: Cong District: Not reported 24 ft. FIPS Code: 6059

Latitude: Not reported Longitude: Not reported

FF:

NPL: Not on the NPL

Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region: 9 Site ID: 908521 EPA ID: CAN000908521

Site Name: LOS ALAMITOS MERCURY

908521

NPL: Ν FF: Ν OU: 0 Action Code: ΡJ

Action Name: RP EM REM

SEQ:

Start Date: 2007-07-11 00:00:00

Finish Date: 8/11/2007

Qual:

Current Action Lead: EPA Ovrsght

Direction Distance

Elevation Site Database(s) EPA ID Number

L50 TGI LUST 1000172746

NNW 3882 FLORISTA ST Orange Co. Industrial Site CAD981667223

1/4-1/2 LOS ALAMITOS, CA 90720 RCRA NonGen / NLR 0.333 mi. FINDS

1759 ft. Site 1 of 3 in cluster L ECHO
HIST CORTESE

Relative:

25 ft.

Higher LUST:

Lead Agency: SANTA ANA RWQCB (REGION 8)

Actual: Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900513

Global Id: T0605900513 Latitude: 33.8054012 Longitude: -118.0647251

Status: Completed - Case Closed

Status Date: 05/05/1989 Case Worker: **TME** 083000642T RB Case Number: Local Agency: **ORANGE COUNTY** File Location: Not reported Local Case Number: Not reported Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0605900513

Contact Type: Local Agency Caseworker
Contact Name: ORANGE COUNTY
Organization Name: ORANGE COUNTY

Address: 1241 E. DYER ROAD SUITE 120

City: Santa Ana
Email: Not reported
Phone Number: Not reported

Global Id: T0605900513

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

 Global Id:
 T0605900513

 Action Type:
 Other

 Date:
 07/20/1987

 Action:
 Leak Reported

Global Id: T0605900513
Action Type: ENFORCEMENT
Date: 05/05/1989

Action: Closure/No Further Action Letter

LUST:

Global Id: T0605900513

Status: Open - Case Begin Date

Status Date: 07/20/1987

Direction Distance

Elevation Site Database(s) EPA ID Number

TGI (Continued) 1000172746

Global Id: T0605900513

Status: Open - Site Assessment

Status Date: 08/28/1987

Global Id: T0605900513

Status: Completed - Case Closed

Status Date: 05/05/1989

LUST REG 8:

Region: 8
County: Orange

Santa Ana Region Regional Board: Facility Status: Case Closed 083000642T Case Number: Local Case Num: Not reported Case Type: Soil only Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported **BLOOMFIELD** Cross Street: **CLOS**

Enf Type: Funding: Not reported How Discovered: Not reported How Stopped: Not reported Not reported Leak Cause: Not reported Leak Source: Global ID: T0605900513 How Stopped Date: Not reported 8/28/1987 Enter Date: Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: Not reported Not reported **Enforcement Date:**

5/5/1989 Close Date: Not reported Date Prelim Assessment Workplan Submitted: 8/28/1987 Date Pollution Characterization Began: Date Remediation Plan Submitted: Not reported Not reported Date Remedial Action Underway: Date Post Remedial Action Monitoring: Not reported 8/28/1987 Enter Date: **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.8043 Latitude: Longitude: -118.0644941 MTBE Date: Not reported

MTBE Concentration: 0

Max MTBE GW:

Max MTBE Soil: Not reported

MTBE Fuel: 1

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

Not reported

MTBE Class:

Staff: RS

Direction Distance

Elevation Site Database(s) EPA ID Number

TGI (Continued) 1000172746

Staff Initials: Not reported Lead Agency: Regional Board

Local Agency: 30000
Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Summary: Not reported

Orange Co. Industrial Site:

Case ID: 86IC005
Record ID: RO0000084
Current Status: CLOSED 1/1/1965
Closure Type: Invalidated

Released Chemical: WASTE (OR SLOP) OIL

RCRA NonGen / NLR:

Date form received by agency: 01/20/1997

Facility name: TRUCK GEARS INC Facility address: 3882 FLORISTA ST

LOS ALAMITOS, CA 90720

EPA ID: CAD981667223

Mailing address: KYLE ST

LOS ALAMITOS, CA 90720

Contact: GREG SALING
Contact address: 10852 KYLE ST

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 310-594-6681 Contact email: Not reported

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DAN TWOMEY
Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

TGI (Continued) 1000172746

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: Nο 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

Violation Status: No violations found

FINDS:

Registry ID: 110009539348

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: 1000172746 Registry ID: 110009539348

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009539348

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000642T

Direction Distance

Elevation Site Database(s) EPA ID Number

L51 SAFETY - KLEEN CORP ENVIROSTOR U003782930

NNW 3876 FLORISTA ST UST N/A

1/4-1/2 LOS ALAMITOS, CA 90720 VCP

0.334 mi. SWEEPS UST 1764 ft. Site 2 of 3 in cluster L Financial Assurance

Relative: ENVIROSTOR:

 Higher
 Facility ID:
 60001792

 Status:
 Active

 Actual:
 Status Date:
 08/01/2012

 25 ft.
 Site Code:
 401610

Site Code: 401619
Site Type: Voluntary Cleanup

Site Type Detailed: Voluntary Cleanup
Acres: 1
NPL: NO

Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Hossein Nassiri
Supervisor: Emad Yemut

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 67 Senate: 34

Special Program: Voluntary Cleanup Program

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Responsible Party Latitude: 33.80555 Longitude: -118.0647

APN: NONE SPECIFIED

Past Use: NONE

Potential COC: NONE SPECIFIED No Contaminants found

Confirmed COC: 31000-NO
Potential Description: IA

Alias Name: 401619

Alias Type: Project Code (Site Code)

Alias Name: 60001792

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/14/2016

Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/28/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 12/06/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Design/Implementation Workplan

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY - KLEEN CORP (Continued)

U003782930

EDR ID Number

Completed Date: 10/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/10/2013

Comments: DTSC's geologist reviewed and approved to the response letter.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Soils Management Plan

Completed Date: 03/28/2016 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 09/06/2012

Comments: A Reimbursement Agreement for Consultative Services between PDP Los

Alamitos Dev LLC and DTSC was executed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 05/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 07/14/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/21/2013

Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/30/2015 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/09/2015

Comments: FY 1516 Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/25/2016
Comments: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY - KLEEN CORP (Continued)

U003782930

EDR ID Number

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction

Future Due Date: 2018

Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported

Schedule Document Type: Reimbursement Agreement

Schedule Due Date: 11/05/2017 Schedule Revised Date: Not reported

UST:

Facility ID: 4589

Permitting Agency: ORANGE COUNTY

Latitude: 33.80443 Longitude: -118.06445

VCP:

Facility ID: 60001792
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED

Acres:

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Hossein Nassiri Supervisor: Emad Yemut

Division Branch: Southern California Schools & Brownfields Outreach

 Site Code:
 401619

 Assembly:
 67

 Senate:
 34

Special Programs Code: Voluntary Cleanup Program

Status: Active
Status Date: 08/01/2012
Restricted Use: NO

Funding: Responsible Party
Lat/Long: 33.80555 / -118.0647
APN: NONE SPECIFIED

Past Use: NONE

Potential COC: NONE SPECIFIED,31000

Confirmed COC: 31000-NO
Potential Description: IA
Alias Name: 401619

Alias Type: Project Code (Site Code)

Alias Name: 60001792

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/14/2016

Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY - KLEEN CORP (Continued)

U003782930

EDR ID Number

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/28/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 12/06/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Design/Implementation Workplan

Completed Date: 10/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/10/2013

Comments: DTSC's geologist reviewed and approved to the response letter.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Soils Management Plan

Completed Date: 03/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 09/06/2012

Comments: A Reimbursement Agreement for Consultative Services between PDP Los

Alamitos Dev LLC and DTSC was executed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 05/24/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 07/14/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/21/2013

Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/30/2015

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY - KLEEN CORP (Continued)

U003782930

Comments: Not reported

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/09/2015

Comments: FY 1516 Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/25/2016 Comments: Not reported

PROJECT WIDE Future Area Name: Future Sub Area Name: Not reported Land Use Restriction Future Document Type:

Future Due Date: 2018

PROJECT WIDE Schedule Area Name: Schedule Sub Area Name: Not reported

Schedule Document Type: Reimbursement Agreement

Schedule Due Date: 11/05/2017 Schedule Revised Date: Not reported

SWEEPS UST:

Status: Active Comp Number: 4589 Number:

Board Of Equalization: 44-016225 09-30-92 Referral Date: Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004589-000004 Α

Tank Status:

10000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL STG: OTHER Content: Number Of Tanks:

Status: Active Comp Number: 4589 Number: 9

Board Of Equalization: 44-016225 Referral Date: 09-30-92 09-15-92 Action Date: 02-29-88 Created Date: Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004589-000005

Tank Status: 10000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL

STG:

OTHER Content:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY - KLEEN CORP (Continued)

U003782930

Number Of Tanks: Not reported

Status: Active 4589 Comp Number: Number:

Board Of Equalization: 44-016225 09-30-92 Referral Date: Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004589-000006

Tank Status: Capacity: 1000 Active Date: Not reported Tank Use: M.V. FUEL STG: **OTHER** Content: Number Of Tanks: Not reported

CA Financial Assurance 1:

CAD066177783 80001452 EPA ID Number:

Sudden Amount1: \$2,000,000.00 Non Sudden Amount1: Not reported

Closure Mechanism:

\$196,875.00 Closure Amount:

Post Closure Mechanism: Ins

\$304.843.00 Post Closure Amount: Corrective Action Mechanism: Not reported Corrective Action Amount: Not reported

Sudden Mechanism Type: Ins

Sudden Mechanism Amount: \$1,000,000.00 Non Sudden Mechanism Type: Not reported Non Sudden Mechanism Amount: Not reported Not reported O and M Mechanism Type: O and M Amount: Not reported Closure Mechanism Date of Mechanism: 11/17/2016 Closure Mechanism Renewal Date: Not reported

Closure Mechanism Provider: Indian Harbor Ins. Co.

Postclosure Mechanism Date of Mechanism: 11/17/2016 Postclosure Mechanism Renewal Date: Not reported Postclosure Mechanism Provider: 307892 O and M Mechanism Date of Mechanism: Not reported O and M Mechanism Renewal Date: Not reported O and M Mechanism Provider: Not reported Corrective Action Mechanism Date of Mechanism: Not reported Not reported Corrective Action Mechanism Renewal Date: Corrective Action Mechanism Provider: Not reported Sudden Mechanism Date of Mechanism: 11/1/2016 Not reported Sudden Mechanism Renewal Date: Sudden Mechanism Provider: Indian Harbor Ins. Co.

Non-Sudden Mechanism Date of Mechanism: Not reported Non-Sudden Mechanism Renewal Date: Not reported Non-Sudden Mechanism Provider: Not reported 2016-11-21 00:00:00 Date Entered into EnviroStor:

Authorization Type: Cleanup

Comments: Policy #PEC000707312, \$4,117,873, covers multiple facilities

Direction Distance

Elevation Site Database(s) EPA ID Number

L52 SAFETY KLEEN CORP 7 088 05

NNW 3876 FLORISTA ST 1/4-1/2 LOS ALAMITOS, CA 90720

0.334 mi.

1764 ft. Site 3 of 3 in cluster L

Relative: Higher

Actual: 25 ft.

SEMS-ARCHIVE 1000224421 CORRACTS CAD066177783

EDR ID Number

RCRA-TSDF RCRA-SQG ENVIROSTOR LUST HIST UST CA FID UST US FIN ASSUR FINDS ECHO

HIST CORTESE

HWP

SEMS Archive:

Site ID: 903376 EPA ID: CAD066177783

 Cong District:
 38

 FIPS Code:
 6059

 FF:
 N

NPL: Not on the NPL

Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

 Region:
 9

 Site ID:
 903376

 EPA ID:
 CAD066177783

Site Name: SAFETY- KLEEN CORP 7-088-05

 NPL:
 N

 FF:
 N

 OU:
 0

 Action Code:
 VS

Action Name: ARCH SITE

SEQ:

Start Date:

Finish Date:

Qual:

Current Action Lead:

Not reported

Not reported

EPA Perf In-Hse

 Region:
 9

 Site ID:
 903376

 EPA ID:
 CAD066177783

Site Name: SAFETY- KLEEN CORP 7-088-05

 NPL:
 N

 FF:
 N

 OU:
 0

 Action Code:
 DS

 Action Name:
 DISCVRY

SEQ: 1

 Start Date:
 1991-01-01 00:00:00

 Finish Date:
 1991-01-01 00:00:00

 Qual:
 Not reported

Current Action Lead: EPA Perf

 Region:
 9

 Site ID:
 903376

 EPA ID:
 CAD066177783

Site Name: SAFETY- KLEEN CORP 7-088-05

NPL: N FF: N

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

 OU:
 0

 Action Code:
 PA

 Action Name:
 PA

 SEQ:
 1

 Start Date:
 Not reported

 Finish Date:
 1991-09-06 00:00:00

Qual: D
Current Action Lead: EPA Perf

CORRACTS:

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19970801

Action: CA150 - RFI Workplan Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores

All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE AREA Actual Date: 19920601

Action: CA050 - RFA Completed NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20050602

Action: CA050 - RFA Completed NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: 20050602 Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20160208

Action: CA300 - CMS Workplan Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EPA ID: CAD066177783

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 20010109

Action: CA200 - RFI Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 20060412

Action: CA600EC - Stabilization Measures Implemented, Primary measure is

exposure control by barrier and/or institutional control

44131 42183 42272 561499 NAICS Code(s):

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: **ENTIRE AREA** 19960416 Actual Date: Action: CA805

NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

CAD066177783 EPA ID:

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 20160119

CA260 - CMS Workplan Received Action: 44131 42183 42272 561499 NAICS Code(s):

Automotive Parts and Accessories Stores All Other Business Support Services

20160301

Original schedule date: Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region:

Area Name: **ENTIRE FACILITY**

Actual Date: 20080922

CA155 - RFI Supplemental Information Requested By Agency Action:

44131 42183 42272 561499 NAICS Code(s):

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

EPA Region: 09

ENTIRE FACILITY Area Name:

Actual Date: 20070323

CA155 - RFI Supplemental Information Requested By Agency Action:

NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Not reported Schedule end date:

EPA ID: CAD066177783

EPA Region: 09

ENTIRE FACILITY Area Name: Actual Date: 19990826

Action: CA200 - RFI Approved

NAICS Code(s): 44131 42183 42272 561499

09

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region:

Area Name: **ENTIRE FACILITY**

Actual Date: 19990826

CA150 - RFI Workplan Approved Action: NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region:

Area Name: **ENTIRE AREA** Actual Date: 20040728

CA600 - Stabilization Measures Implemented Action:

NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 20040728

Action: CA600EC - Stabilization Measures Implemented, Primary measure is

exposure control by barrier and/or institutional control

44131 42183 42272 561499 NAICS Code(s):

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Area Name: **ENTIRE AREA** Actual Date: 19910729

CA050 - RFA Completed Action: NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 20060629

Action: CA150 - RFI Workplan Approved 44131 42183 42272 561499 NAICS Code(s):

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783 EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 19920630

Action: CA050 - RFA Completed NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: 19920630 Not reported Schedule end date:

RCRA-TSDF:

Date form received by agency: 09/01/1996

SAFETY KLEEN CORP 7 088 05 Facility name:

Facility address: 3876 FLORISTA ST

LOS ALAMITOS, CA 90720

CAD066177783 EPA ID: Mailing address: 777 BIG TIMBER RD ELGIN, IL 60123

Not reported Contact: Contact address: Not reported Not reported

Contact country: US

Contact telephone: Not reported Contact email: Not reported

EPA Region:

Land type: Facility is not located on Indian land. Additional information is not known.

TSDF Classification:

Description: Handler is engaged in the treatment, storage or disposal of hazardous

waste

Owner/Operator Summary:

Owner/operator name: M LOVERNICH Owner/operator address: 3855 KATELLA

LOS ALAMITOS, CA 90720

Owner/operator country: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Owner/operator telephone: 213-431-2546 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: SAFETY-KLEEN CORP ELGIN IL

Owner/operator address: 777 BIG TIMBER RD

ELGIN, IL 60123

Owner/operator country: Not reported Owner/operator telephone: 708-697-8460 Owner/operator email: Not reported Owner/operator fax: Not reported Not reported Owner/operator extension: Legal status: Private Owner/Operator Type: Operator Not reported Owner/Op start date: 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: Nο 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

Historical Generators:

Date form received by agency: 03/31/1992

Site name: SAFETY-KLEEN CORP (7-088-05) Small Quantity Generator Classification:

Date form received by agency: 04/12/1990

Site name: SAFETY-KLEEN CORP (7-088-05)

Classification: Large Quantity Generator

Date form received by agency: 08/18/1980

SAFETY KLEEN CORP 7 088 05 Site name:

Classification: Not a generator, verified

Corrective Action Summary:

Event date: 07/29/1991

Event: LEAD AGENCY DETERMINATION

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Event date: 07/29/1991

CA PRIORITIZATION-LOW CA PRIORITY Event:

Event date: 07/29/1991

Event: PA OR CERCLA INSPECTION

Event date: 07/29/1991 Event: **RFA COMPLETED**

Event date: 06/01/1992 RFA COMPLETED Event:

Event date: 06/30/1992 Event: **RFA COMPLETED**

Event date: 04/16/1996 Event: CA805

Event date: 04/16/1996

INVESTIGATION IMPOSITION Event:

Event date: 07/03/1997

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 08/01/1997

INVESTIGATION WORKPLAN APPROVED Event:

Event date: 05/03/1999

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 05/03/1999

Event: INVESTIGATION REPORT RECEIVED

Event date: 08/26/1999

INVESTIGATION COMPLETE Event:

Event date: 08/26/1999

Event: INVESTIGATION WORKPLAN APPROVED

Event date: 11/26/1999

Event: INVESTIGATION REPORT RECEIVED

Event date: 01/09/2001

INVESTIGATION COMPLETE Event:

Event date: 07/28/2004

Event: STABILIZATION/INTERIM MEASURES DECISION

Event date: 07/28/2004

STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS EXPOSURE Event:

CONTROL

Event date: 06/02/2005 RFA COMPLETED Event:

Event date: 07/28/2005

Event: INVESTIGATION WORKPLAN RECEIVED

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Event date: 04/12/2006

STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS EXPOSURE Event:

CONTROL

Event date: 06/29/2006

INVESTIGATION WORKPLAN APPROVED Event:

Event date: 01/16/2007

Event: INVESTIGATION REPORT RECEIVED

Event date: 03/23/2007

Event: INVESTIGATION SUPPLEMENTAL INFO REQ BY AGENCY

Event date: 04/27/2007

Event: INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED

Event date: 07/13/2007 Event: CA805

Event date: 01/15/2008 Event: CA805

Event date: 09/22/2008

Event: INVESTIGATION SUPPLEMENTAL INFO REQ BY AGENCY

Event date: 01/19/2016

Event: CMS WORKPLAN RECEIVED

Event date: 02/08/2016

CMS WORKPLAN APPROVED Event:

Event date: Not reported

Event: REEVALUATE IN FY

Facility Has Received Notices of Violations: F - 270

Regulation violated: Area of violation: TSD - General Date violation determined: 12/17/1990 03/29/1991 Date achieved compliance: Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: F - 270 Area of violation: TSD - General Date violation determined: 12/17/1990 Date achieved compliance: 03/29/1991 Violation lead agency: State

WRITTEN INFORMAL Enforcement action:

Enforcement action date: 01/31/1991 Enf. disposition status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

Date violation determined:

1000224421

EDR ID Number

Enf. disp. status date: Not reported Enforcement lead agency: State
Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H

Area of violation: TSD - Financial Requirements

05/08/1990

Date achieved compliance: 09/30/1992 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H

Area of violation: TSD - Financial Requirements

Date violation determined: 05/08/1990
Date achieved compliance: 09/30/1992
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/22/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

F - 270 Regulation violated: TSD - General Area of violation: 04/12/1990 Date violation determined: Date achieved compliance: 06/29/1990 Violation lead agency: State Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Not reported Enforcement lead agency: Not reported Proposed penalty amount: Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 04/12/1990
Date achieved compliance: 06/29/1990
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/25/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270 TSD - General Area of violation: Date violation determined: 03/17/1989 07/27/1989 Date achieved compliance: Violation lead agency: State Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 03/17/1989
Date achieved compliance: 07/27/1989

Violation lead agency: State

Enforcement action: INITIAL 3008(A) COMPLIANCE

Enforcement action date: 07/27/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 473000
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Not reported

Regulation violated: FR - 270 Area of violation: TSD - General Date violation determined: 03/17/1987 Date achieved compliance: 09/15/1987 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported

Direction Distance Elevation

tion Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/10/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Not reported

Enforcement action date: 08/10/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Paid penalty amount:

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/17/1987

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State
Enforcement action: Not reported

Enforcement action date:
Enf. disposition status:
Enf. disposition status:
Enf. disp. status date:
Enforcement lead agency:
Proposed penalty amount:
Proposed penalty amount:
Proposed penalty amount:
Not reported

Regulation violated: FR - 264.70-77.E Area of violation: TSD - General Date violation determined: 03/17/1987 09/15/1987 Date achieved compliance: Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Not reported Enforcement lead agency: Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/03/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/15/1992

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/17/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 03/29/1991 Evaluation lead agency: State

Evaluation date: 10/05/1990

Evaluation: FINANCIAL RECORD REVIEW

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/08/1990

Evaluation: FINANCIAL RECORD REVIEW Area of violation: TSD - Financial Requirements

Date achieved compliance: 09/30/1992 Evaluation lead agency: State

Evaluation date: 04/12/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 06/29/1990 Evaluation lead agency: State

Evaluation date: 04/17/1989

Evaluation: FINANCIAL RECORD REVIEW

Area of violation: Not reported Date achieved compliance: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Evaluation lead agency: State

Evaluation date: 03/17/1989

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 07/27/1989 Evaluation lead agency: State

Evaluation date: 03/17/1987

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: TSD - General Date achieved compliance: 09/15/1987 Evaluation lead agency: State

Evaluation date: 03/17/1987

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 09/15/1987 Evaluation lead agency: State

Evaluation date: 03/17/1987

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 09/15/1987 Evaluation lead agency: State

ENVIROSTOR:

 Facility ID:
 80001452

 Status:
 Active

 Status Date:
 01/01/2008

 Site Code:
 540016

Site Type: Corrective Action
Site Type Detailed: Corrective Action

Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM

Program Manager: Hossein Nassiri Supervisor: Emad Yemut

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Responsible Party

Latitude: 33.80388 Longitude: -118.0642

APN: NONE SPECIFIED

Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS
Potential COC: Arsenic Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Methyl

tertbutyl ether (MTBE Tetrachloroethylene (PCE 1,1,1-Trichloroethane

(TCA Trichloroethylene (TCE Vinyl chloride Acetone Barium and compounds Chlorobenzene Cobalt Copper and compounds 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethylene (cis 1,2-Dichloroethylene (trans Ethylbenzene Nickel Thallium and compounds Toluene Vanadium and compounds Xylenes Zinc

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Confirmed COC: Arsenic Benzene Thallium and compounds Tetrachloroethylene (PCE

1,1,1-Trichloroethane (TCA Acetone Barium and compounds Copper and compounds 1,2-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Ethylbenzene Nickel Toluene Vanadium and compounds Xylenes Zinc 1,4-Dichlorobenzene Trichloroethylene (TCE 1,3-Dichlorobenzene 1,1-Dichloroethylene Chlorobenzene Cobalt Vinyl chloride Lead Methyl tertbutyl ether (MTBE Total Chromium (1:6 ratio

Cr VI:Cr III

Potential Description: OTH, SOIL
Alias Name: Safety Kleen
Alias Type: Alternate Name
Alias Name: CAD066177783

Alias Type: EPA Identification Number

 Alias Name:
 110000739201

 Alias Type:
 EPA (FRS #)

 Alias Name:
 T0605901155

 Alias Type:
 GeoTracker Global ID

Alias Name: 540016

Alias Type: Project Code (Site Code)

Alias Name: 80001452

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 12/02/2009

Comments: The Work Plan included plans to install an additional groundwater

monitoring well to determine the vertical extent of groundwater

contamination. The Work Plan was approved, but comments were included by DTSC to obtain concurrence with DTSC before abandoning any wells.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Information Request Letter

Completed Date: 09/22/2008

Comments: Request for additional characterization of the site via a workplan

due to elevated concentrations of VOCs in the groundwater investigation. Report suggests that additional information is needed

to complete the characterization. cs 9/25/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 08/26/1999

Comments: Approval of Phase I RFI Report which was submitted concurrantly with

the Phase II for RFI workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 08/26/1999

Comments: This approval is for the Phase II track. This was approved concurrently witht the Phase I track RFI report approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Date: 01/15/2008

Comments: GW reports are quarterly. ps 03/01/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/15/2008

Comments: GW reports are quarterly. ps 07/22/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 06/29/2006

Comments: Supplimental information requested in the 6/29/06 conditional

approval was submitted by the facility and approved in a letter dated

October 18, 2006. Phase III.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Information Request Letter

Completed Date: 03/23/2007

Comments: Request for additional characterization of the site via a workplan

due to elevated concentrations of VOCs in the groundwater

investigation.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Interim Measures Workplan

Completed Date: 07/28/2004

Comments: INTERIM MEASURES IMPOSED

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Interim Measures Workplan

Completed Date: 04/12/2006

Comments: APPROVAL LETTER FOR THE FINAL INDOOR AIR SAMPLING SUMMARY REPORT

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 08/01/1997

Comments: Phase I workplan approval.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 07/29/1991 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/13/2007

Comments: GW reports are quarterly. ps 12/7/07

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Document Type: RFI Report Completed Date: 01/09/2001

Comments: Phase II RFI report submitted and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2010
Comments: Report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2010
Comments: Report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2010
Comments: QPR accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/14/2010

Comments: Review complete and comments sent

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/15/2011
Comments: Complete

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Workplan

Completed Date: 06/12/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/25/2011

Comments: Project Manager: Nora

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Report

Completed Date: 11/10/2011 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: *Correspondence - Received

Completed Date: 11/28/2011 Comments: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/07/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Long Term Monitoring Report

Completed Date: 01/17/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Operations and Maintenance Report

Completed Date: 01/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Operations and Maintenance Plan Amendment

Completed Date: 04/08/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/23/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Report

Completed Date: 08/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/17/2013
Comments: Not reported

Completed Area Name: Sites With No Operable Unit Completed Sub Area Name: Building Demolition/Parking lot

Completed Document Type: Other Report 02/12/2014

Comments: It is a routine quarterly progress report from RP.

Completed Area Name: Sites With No Operable Unit Completed Sub Area Name: Building Demolition/Parking lot

Completed Document Type: Other Report 02/10/2014

Comments: No letter needed, just Quarterly Progress Report

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Direction

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Date: 08/30/2017

Comments: FY 1718 Annual Oversight Cost Estimate completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 06/02/2005 Comments: phase III

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 06/30/1992 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 07/14/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/21/2013

Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/13/2009

Comments: Jason Twomey 10852 Kyle Street Los Alamitos, CA 90720 Added to

mailing list for the site per Laduke

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/25/2015

Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: O4/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Corrective Measures Study Workplan

Completed Date: 02/08/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/14/2014
Comments: Not reported

Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Report

Completed Date: 03/02/2015 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Corrective Measures Study Workplan Addendum

Completed Date: 03/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 07/29/1991

Comments: RCRA Preliminary Assessment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Completed Date: 04/16/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Completed Date: 07/06/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Date: 06/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/14/2016

Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/08/2015

Comments: FY1516 Annual Oversight Cost Estimate.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/29/2011 Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2018

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported

Future Document Type: Corrective Measure Implementation Workplan

Future Due Date: 2018

Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported

Schedule Document Type: Corrective Measures Study Report

Schedule Due Date: 08/30/2017 Schedule Revised Date: Not reported PROJECT WIDE Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: **Public Notice** Schedule Due Date: 03/13/2018 Schedule Revised Date: Not reported Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported Schedule Document Type: **Fact Sheets** Schedule Due Date: 03/14/2018 Schedule Revised Date: Not reported Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported Community Profile Schedule Document Type: Schedule Due Date: 03/14/2018 Schedule Revised Date: Not reported PROJECT WIDE Schedule Area Name: Schedule Sub Area Name: Not reported

Schedule Document Type: Remedy Selection and Statement of Basis

Schedule Due Date: 03/31/2018
Schedule Revised Date: Not reported

LUST:

Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901155

Global Id: T0605901155
Latitude: 33.8043
Longitude: -118.0645571

Status: Open - Site Assessment

Status Date: 04/17/1991
Case Worker: Not reported
RB Case Number: 083001515T
Local Agency: Not reported
File Location: Not reported
Local Case Number: 90UT117

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: * Chlorinated Hydrocarbons

Site History: Site overseen by DTSC. See DTSC's Envirostor Database for status on

sites.

LUST:

Global Id: T0605901155

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

 Global Id:
 T0605901155

 Action Type:
 ENFORCEMENT

 Date:
 01/01/1994

Action: Technical Correspondence / Assistance / Other

 Global Id:
 T0605901155

 Action Type:
 ENFORCEMENT

 Date:
 03/10/2009

 Action:
 File review

 Global Id:
 T0605901155

 Action Type:
 RESPONSE

 Date:
 11/30/2003

 Action:
 Unknown

 Global Id:
 T0605901155

 Action Type:
 Other

 Date:
 01/25/1990

 Action:
 Leak Discovery

 Global Id:
 T0605901155

 Action Type:
 ENFORCEMENT

 Date:
 10/18/2006

Action: Technical Correspondence / Assistance / Other

 Global Id:
 T0605901155

 Action Type:
 ENFORCEMENT

 Date:
 04/26/2006

Action: Technical Correspondence / Assistance / Other

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Global Id: T0605901155 Action Type: Other 05/08/1990 Date: Action: Leak Reported

LUST:

Global Id: T0605901155

Status: Open - Case Begin Date

Status Date: 01/25/1990

Global Id: T0605901155

Status: Open - Site Assessment

Status Date: 05/14/1990

Global Id: T0605901155

Open - Site Assessment Status:

04/17/1991 Status Date:

ORANGE CO. LUST:

Region: ORANGE Facility Id: 90UT117 Released Substance: Mineral spirits 04/16/1993 Date Closed: RO0002182 Record ID:

LUST REG 8:

Region: 8

County: Orange

Regional Board: Santa Ana Region Facility Status: Pollution Characterization

Case Number: 083001515T Local Case Num: 90UT117

Aquifer affected Case Type:

Substance: Chlorinated Hydrocarbons

Qty Leaked: Not reported Abate Method: Not reported **KYLE** Cross Street: None Taken Enf Type: Funding: Not reported

How Discovered: OM

How Stopped: Not reported Leak Cause: Spill Leak Source: Piping T0605901155 Global ID: How Stopped Date: Not reported 4/30/1990 Enter Date: Date Confirmation of Leak Began: 5/14/1990 Date Preliminary Assessment Began: 5/14/1990 Discover Date: 1/25/1990 **Enforcement Date:** 1/1/1965 Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported

4/17/1991 Date Pollution Characterization Began: Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Date Post Remedial Action Monitoring: Not reported 4/30/1990 Enter Date: **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Not reported Facility Contact: Not reported Interim: LUST Oversite Program: Latitude: 33.8043 Longitude: -118.0645571 MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class:

TME Staff: Staff Initials: SAS

Regional Board Lead Agency:

30000L Local Agency:

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

2.8PPB OF TCE FOUND IN THE GW FROM MW-1 PCE, 1,1,1-TCA, XYLENE AND 1,2-DCB Summary:

FOUND IN SOIL SAMPLES COLLECTED 15FT. FROM BORINGS B2 AND B3. SAFETY KLEEN FILED BANKRUPTCY ON AUGUST 11, 2000. DTSC TO FILE CLAIM ON BEFHALF OF THE

STATE. 10/18/2000

HIST UST:

File Number: 0002ED77

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ED77.pdf

Region: STATE 00000006125 Facility ID: Facility Type: Other

Other Type: PARTS WASHER SERVICE

Contact Name: TOM SWEATT Telephone: 3126978460

SAFETY-KLEEN CORP. Owner Name: Owner Address: 655 BIG TIMBER ROAD

Owner City, St, Zip: ELGIN, IL 60120

Total Tanks: 0003

001 Tank Num: Container Num: 01 Year Installed: 1977 Tank Capacity: 00010000 Tank Used for: WASTE Type of Fuel: Not reported

Container Construction Thickness:

Visual, Stock Inventor Leak Detection:

002 Tank Num: Container Num: 02 Year Installed: 1977

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Tank Capacity: 00001000 Tank Used for: WASTE Type of Fuel: Not reported Container Construction Thickness: 1875

Leak Detection: Visual, Stock Inventor

003 Tank Num: Container Num: 03 Year Installed: 1977 Tank Capacity: 00010000 Tank Used for: **PRODUCT** Type of Fuel: Not reported

Container Construction Thickness:

Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

30001021 Facility ID: Regulated By: UTNKA Regulated ID: Not reported Not reported Cortese Code: SIC Code: Not reported 2135985898 Facility Phone: Not reported Mail To: 777 BIG TIMBER RD Mailing Address:

Mailing Address 2: Not reported

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported Not reported Contact Phone: DUNs Number: Not reported NPDES Number: Not reported EPA ID: Not reported Not reported Comments: Active Status:

US FIN ASSUR:

CAD066177783 EPA ID:

INDIAN HARBOR INS. CO. Provider:

EPA region: 9

County: Not reported Mechanism type: **INSURANCE** PEC000707309 Mechanism ID: 180413

Cost estimate: Face value: 462562

Effective date: 2010-11-17 00:00:00

EPA ID: CAD066177783

Provider: INDIAN HARBOR INS. CO.

EPA region:

County: Not reported Mechanism type: **INSURANCE** Mechanism ID: PEC000707309 Cost estimate: 282149

Face value: 462562

Effective date: 2010-11-17 00:00:00

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

EPA ID: CAD066177783
Provider: GREENWICH INS. CO.

EPA region: 9

County: Not reported
Mechanism type: INSURANCE
Mechanism ID: PEC002102005
Cost estimate: 2000000
Face value: 2000000

Effective date: 2011-09-01 00:00:00

FINDS:

Registry ID: 110000739201

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000224421 Registry ID: 110000739201

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000739201

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001515T

HWP:

EPA ld: CAD066177783

Cleanup Status: UNDERGOING CLOSURE

Latitude: 33.80388 Longitude: -118.0642

Facility Type: Historical - Non-Operating

Facility Size:

Team:

Not reported

Not reported

Supervisor:

Not reported

Site Code:

540016

Assembly District:

72

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Senate District: 34

Public Information Officer: Not reported Public Information Officer: Not reported

Activities:

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - FINAL PERMIT

Actual Date: 03/18/1988

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - CALL-IN LETTER ISSUED

Actual Date: 03/09/1983

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)

Actual Date: 03/18/1988

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)

Actual Date: 09/17/1985

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - APPLICATION PART B RECEIVED

Actual Date: 07/02/1985

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)

Actual Date: 03/18/1993

Closure:

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: TANKSTR1

Event Description: New Post-Closure Permit - APPLICATION PART B RECEIVED

Actual Date: 11/18/2002

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Event Description: Closure - CLOSURE PLAN RECEIVED

Actual Date: 05/17/1991

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Event Description: Closure - CLOSURE PLAN APPROVED

07/11/1994 Actual Date:

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: TANKSTR1

Event Description: New Post-Closure Permit - CALL-IN LETTER ISSUED

Actual Date: 06/28/2002

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: TANKSTR1

Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY **Event Description:**

Actual Date: 08/24/2006

EPA Id: CAD066177783

Historical - Non-Operating Facility Type:

Unit Names: CONTAIN1

Closure - ISSUE CLOSURE VERIFICATION **Event Description:**

09/28/1998 Actual Date:

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Closure - 1ST NOTICE OF DEFICIENCY ISSUED **Event Description:**

Actual Date: 08/01/1991

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Event Description: Closure - RECEIVE CLOSURE CERTIFICATION

Actual Date: 09/27/1997

Alias:

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Alias Type: **FRS**

110000739201 Alias:

CAD066177783 EPA Id:

Historical - Non-Operating Facility Type: Alias Type: Project Code (Site Code)

Alias: 540016

M53 YOUR CLEANER & LAUNDRY SLIC S120762586 N/A

SE **5234 LAMPSON AVENUE** 1/4-1/2 **GARDEN GROVE, CA 92845**

0.343 mi.

1811 ft. Site 1 of 5 in cluster M

SLIC: Relative: Lower

Region: STATE

Facility Status: Open - Site Assessment

Actual: Status Date: 03/21/2017 24 ft. T10000010247 Global Id:

> Lead Agency: SANTA ANA RWQCB (REGION 8)

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

YOUR CLEANER & LAUNDRY (Continued)

S120762586

Lead Agency Case Number: Not reported 33.7807324062889 Latitude: Longitude: -118.041445040561 Case Type: Cleanup Program Site

Case Worker: JML Not reported Local Agency: RB Case Number: Not reported Regional Board File Location:

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

M54 **BOLSA CHICA CHANNEL DEWATERING**

5250 LAMPSON AVE SE

SLIC S105015207 N/A

1/4-1/2 **GARDEN GROVE, CA** 0.349 mi.

1841 ft. Site 2 of 5 in cluster M

SLIC: Relative: Lower

Region: **Facility Status:**

Completed - Case Closed Actual: 03/23/2009 Status Date: 24 ft. Global Id: SLT8R1144151

> SANTA ANA RWQCB (REGION 8) Lead Agency:

Lead Agency Case Number: Not reported Latitude: 33.7809308462648 Longitude: -118.041679859161 Case Type: Cleanup Program Site

Case Worker: Not reported Local Agency: Not reported RB Case Number: SLT8R114 File Location: Not reported

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil

Potential Contaminants of Concern: Not reported Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 8:

Soil and Groundwater Type:

Facility Status: Closed

Kamron Saremi, Tel 909-782-4303, SLIC Staff:

Substance: SOLVENT Lead Agency: Regional Board Location Code: Not reported Thomas Bros Code: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

 M55
 JERRY GIRAGOSSIAN
 LUST
 U001577141

 SE
 5262 LAMPSON AVE
 HIST UST
 N/A

1/4-1/2 GARDEN GROVE, CA 92641

0.353 mi.

1865 ft. Site 3 of 5 in cluster M

Relative: LUST:

Lower Lead Agency: SANTA ANA RWQCB (REGION 8)

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900647

Global Id: T0605900647 Latitude: 33.7810512 Longitude: -118.0409747

Status: Completed - Case Closed

 Status Date:
 12/22/2004

 Case Worker:
 VJB

 RB Case Number:
 083000820T

Local Agency: ORANGE COUNTY LOP

File Location: Not reported Local Case Number: 87UT201

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: * Solvents, Gasoline

Site History: Not reported

LUST:

Global Id: T0605900647

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP
Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA

Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605900647

Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: valerie.jahn-bull@waterboards.ca.gov

Phone Number: 9517824903

LUST:

 Global Id:
 T0605900647

 Action Type:
 RESPONSE

 Date:
 03/15/2004

Action: Other Report / Document

 Global Id:
 T0605900647

 Action Type:
 RESPONSE

 Date:
 01/30/2004

Action: Monitoring Report - Quarterly

 Global Id:
 T0605900647

 Action Type:
 ENFORCEMENT

 Date:
 01/29/2003

 Action:
 * No Action

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

JERRY GIRAGOSSIAN (Continued)

U001577141

EDR ID Number

 Global Id:
 T0605900647

 Action Type:
 ENFORCEMENT

 Date:
 12/13/2004

 Action:
 File review

 Global Id:
 T0605900647

 Action Type:
 Other

 Date:
 12/22/1987

 Action:
 Leak Reported

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 02/03/2004

Action: Notification - Proposition 65

 Global Id:
 T0605900647

 Action Type:
 ENFORCEMENT

 Date:
 03/04/2004

 Action:
 * No Action

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 02/03/2004

Action: Notification - Fee Title Owners Notice

Global Id: T0605900647
Action Type: ENFORCEMENT
Date: 12/22/2004

Action: Closure/No Further Action Letter

 Global Id:
 T0605900647

 Action Type:
 RESPONSE

 Date:
 03/31/2003

Action: Monitoring Report - Quarterly

 Global Id:
 T0605900647

 Action Type:
 RESPONSE

 Date:
 07/30/2002

Action: Monitoring Report - Quarterly

 Global Id:
 T0605900647

 Action Type:
 RESPONSE

 Date:
 01/31/2003

Action: Monitoring Report - Quarterly

 Global Id:
 T0605900647

 Action Type:
 ENFORCEMENT

 Date:
 09/07/2004

 Action:
 File review

 Global Id:
 T0605900647

 Action Type:
 REMEDIATION

 Date:
 07/20/1988

 Action:
 Excavation

Global Id: T0605900647
Action Type: ENFORCEMENT

Direction Distance

Elevation Site Database(s) EPA ID Number

JERRY GIRAGOSSIAN (Continued)

U001577141

EDR ID Number

Date: 02/03/2004 Action: Staff Letter

 Global Id:
 T0605900647

 Action Type:
 ENFORCEMENT

 Date:
 02/28/2003

 Action:
 * No Action

LUST:

Global Id: T0605900647

Status: Open - Case Begin Date

Status Date: 12/22/1987

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 03/31/1988

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 06/20/1988

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 07/20/1988

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 08/22/1988

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 10/01/1988

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 11/01/1988

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 02/10/1989

Global Id: T0605900647
Status: Open - Remediation

Status Date: 09/29/1999

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 06/01/2001

Global Id: T0605900647

Status: Open - Site Assessment

Status Date: 07/15/2001

Global Id: T0605900647

Status: Completed - Case Closed

Status Date: 12/22/2004

Direction Distance

Elevation Site Database(s) **EPA ID Number**

JERRY GIRAGOSSIAN (Continued)

U001577141

EDR ID Number

HIST UST:

File Number: 0002E519

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E519.pdf

Region: STATE Facility ID: 00000026713 Facility Type: Gas Station Other Type: Not reported Contact Name: Not reported Telephone: 000000000

Owner Name: ARCO PETROLEUM PRODUCTS CO. 515 SOUTH FLOWER STREET Owner Address: Owner City, St, Zip: LOS ANGELES, CA 90071

0000240

Total Tanks: 0005

Tank Num: 001 000000001 Container Num: Year Installed: 1972 Tank Capacity: 00006000 Tank Used for: **PRODUCT PREMIUM** Type of Fuel: Container Construction Thickness:

Leak Detection: Stock Inventor, 10

002 Tank Num: 0000000002 Container Num: Year Installed: 1968

Tank Capacity: 00006000 Tank Used for: **PRODUCT** Type of Fuel: UNLEADED Container Construction Thickness: 0000240

Leak Detection: Stock Inventor, 10

Tank Num: 003

000000003 Container Num: Year Installed: 1968 Tank Capacity: 00006000 Tank Used for: **PRODUCT** UNLEADED Type of Fuel: Container Construction Thickness: 0000240

Leak Detection: Stock Inventor, 10

Tank Num:

Container Num: 000000004 Year Installed: 1968 Tank Capacity: 00006000 Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Container Construction Thickness: 0000240

Leak Detection: Stock Inventor, 10

Tank Num: 005

Container Num: 000000005 Year Installed: Not reported 00000550 Tank Capacity: **PRODUCT** Tank Used for: Type of Fuel: WASTE OIL 0000093 Container Construction Thickness:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JERRY GIRAGOSSIAN (Continued) U001577141

Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

M56 **ARCO PRODUCTS COMPANY** S113027569 LUST SE **5262 LAMPSON AVE HAZNET** N/A

1/4-1/2 **GARDEN GROVE, CA 92641**

0.353 mi.

1865 ft. Site 4 of 5 in cluster M

ORANGE CO. LUST: Relative:

ORANGE Region: Lower Facility Id: 87UT201

Actual: Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

24 ft. Date Closed: 03/05/1993 Record ID: RO0000998

HAZNET:

S113027569 envid: Year: 1996 GEPAID: CAL000016859

Contact: ATLANTIC RICHFIELD CORP

Telephone: 7146705366 Mailing Name: Not reported Mailing Address: PO BOX 6038

Mailing City, St, Zip: ARTESIA, CA 907026038

Gen County: Not reported TSD EPA ID: CAD980887418 TSD County: Not reported

Waste Category: Waste oil and mixed oil

Disposal Method: Recycler Tons: 5.1082 Cat Decode: Not reported Method Decode: Not reported Facility County: Los Angeles

M57 S101299630 ARCO #3015 LUST SE **5262 LAMPSON AVE HIST CORTESE** N/A

8

1/4-1/2 0.353 mi.

1865 ft. Site 5 of 5 in cluster M

LUST REG 8: Relative: Region: Lower

GARDEN GROVE, CA 92645

County: Orange

Actual: Regional Board: Santa Ana Region 24 ft. Facility Status: Case Closed

Case Number: 083000820T Local Case Num: 87UT201 Case Type: Aquifer affected Substance: Solvents Qty Leaked: Not reported

Abate Method: Excavate and Dispose - remove contaminated soil and dispose in

approved site

Cross Street: MANLEY Enf Type: **CLOS**

Notify 65

Direction Distance

Elevation Site Database(s) EPA ID Number

ARCO #3015 (Continued) S101299630

Not reported

3/31/1988

Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported

Leak Cause: UNK Leak Source: Other Source Global ID: T0605900647 Not reported How Stopped Date: Enter Date: 3/31/1988 Date Confirmation of Leak Began: Not reported 3/31/1988 Date Preliminary Assessment Began: Not reported Discover Date: Not reported **Enforcement Date:** 12/22/2004 Close Date: Date Prelim Assessment Workplan Submitted: Not reported 7/15/2001 Date Pollution Characterization Began: Date Remediation Plan Submitted: 9/29/1999 Date Remedial Action Underway: Not reported

GW Qualifies: <

Date Post Remedial Action Monitoring:

Enter Date:

Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Yes LUST Oversite Program: Latitude: 33.7810512 -118.0409747 Longitude: MTBE Date: 6/2/2000 Max MTBE GW: .5 MTBE Concentration: 1

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: Not reported Staff: VJJ Staff Initials: SAS

Lead Agency: Regional Board

Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: EXTREMELY HIGH CHLORINATED HC LEVELS. MAYBE DERIVED FROM A NEARBY DRY CLEANER.

FURTHER INVESTIGATION/REMEDIATION REQUIRED. DETERMINING RESPONSIBLE PARTY FOR

CHLORINATED HYDROCARBONS.

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000820T

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported

EDR ID Number

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

ARCO #3015 (Continued) S101299630

Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported

 58
 CYPRESS GOLF CLUB
 LUST S106387355

 NNE
 4921 KATELLA
 NPDES N/A

NNE 4921 KATELLA 1/4-1/2 CYPRESS, CA 90630

0.376 mi. 1986 ft.

Relative: LUST:

Higher Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605997341

 31 ft.
 Global ld:
 T0605997341

 Latitude:
 33.809751502

 Longitude:
 -118.054133715

Status: Completed - Case Closed

Status Date: 01/16/2007

Case Worker: TE

RB Case Number: Not reported

Local Agency: ORANGE COUNTY LOP
File Location: Local Agency Warehouse

Local Case Number: 04UT011

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0605997341

Contact Type: Regional Board Caseworker

Contact Name: ROSE SCOTT

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: rose.scott@waterboards.ca.gov

Phone Number: 9513206375

Global Id: T0605997341

Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP

Address: 1241 EAST DYER ROAD SUITE 120

City: SANTA ANA

Email: tescobedo@ochca.com

Phone Number: 7144336251

LUST:

 Global Id:
 T0605997341

 Action Type:
 ENFORCEMENT

 Date:
 03/15/2006

 Action:
 Staff Letter

 Global Id:
 T0605997341

 Action Type:
 ENFORCEMENT

 Date:
 03/22/2004

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CYPRESS GOLF CLUB (Continued)

S106387355

Action: Notice of Responsibility

Global Id: T0605997341 Action Type: **ENFORCEMENT** Date: 05/14/2004 Action: Staff Letter

Global Id: T0605997341 Action Type: **ENFORCEMENT** Date: 06/17/2005 Action: Staff Letter

Global Id: T0605997341 Action Type: **ENFORCEMENT** Date: 08/19/2005 Action: Staff Letter

Global Id: T0605997341 Action Type: **ENFORCEMENT** Date: 01/16/2007

Action: Closure/No Further Action Letter

Global Id: T0605997341 Action Type: Other 03/02/2004 Date: Action: Leak Stopped

Global Id: T0605997341 Action Type: Other Date: 03/22/2004 Action: Leak Reported

Global Id: T0605997341 Action Type: **ENFORCEMENT** 05/09/2006 Date: Staff Letter Action:

Global Id: T0605997341 **ENFORCEMENT** Action Type: Date: 08/05/2004 Action: Staff Letter

Global Id: T0605997341 Action Type: Other 03/02/2004 Date: Leak Discovery Action:

LUST:

Global Id: T0605997341

Open - Case Begin Date Status:

Status Date: 03/02/2004

Global Id: T0605997341

Open - Site Assessment Status:

03/02/2004 Status Date:

Global Id: T0605997341

Direction Distance

Elevation Site Database(s) EPA ID Number

CYPRESS GOLF CLUB (Continued)

S106387355

EDR ID Number

Status: Open - Site Assessment

Status Date: 04/27/2004

Global Id: T0605997341

Status: Open - Site Assessment

Status Date: 06/11/2004

Global Id: T0605997341

Status: Open - Verification Monitoring

Status Date: 03/31/2005

Global Id: T0605997341

Status: Completed - Case Closed

Status Date: 01/16/2007

ORANGE CO. LUST:

Region: ORANGE Facility Id: 04UT011

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Date Closed: 01/16/2007 Record ID: RO0003288

LUST REG 8:

Region: 8
County: Orange

Regional Board: Santa Ana Region

Facility Status: Preliminary site assessment underway

Case Number: Not reported Local Case Num: 04UT011

Case Type: Other ground water affected

Substance: Gasoline Qty Leaked: 0

Abate Method: Not reported Cross Street: Not reported

Enf Type: SEL

Funding:
How Discovered:
How Stopped:
Leak Cause:
Leak Source:
Global ID:

Step Tank Closure
Tank Close Tank
Unknown
Tank
To605997341

How Stopped Date: 3/2/2004 Enter Date: Not reported 3/2/2004 Date Confirmation of Leak Began: Date Preliminary Assessment Began: 6/11/2004 Discover Date: 3/2/2004 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: 4/27/2004 Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CYPRESS GOLF CLUB (Continued)

S106387355

Soil Qualifies: Not reported Operator: Not reported Not reported Facility Contact: Interim: Not reported Oversite Program: LUST Latitude: 0 Longitude: 0

MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

MTBE Class:

Staff: Not reported

Staff Initials: AR

Local Agency Lead Agency: Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

NPDES:

Npdes Number: Not reported Facility Status: Not reported Not reported Agency Id:

Region: Regulatory Measure Id: 485988 Order No: Not reported Regulatory Measure Type: Construction Place Id: Not reported WDID:

8 30C379769 Program Type: Not reported Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: Not reported **Expiration Date Of Regulatory Measure:** Not reported Not reported Termination Date Of Regulatory Measure: Not reported Discharge Name: Discharge Address: Not reported Discharge City: Not reported Discharge State: Not reported Discharge Zip: Not reported RECEIVED DATE: 05/04/2017 PROCESSED DATE: 05/09/2017 STATUS CODE NAME: Active 05/09/2017 STATUS DATE: PLACE SIZE: 32.92 PLACE SIZE UNIT: Acres

FACILITY CONTACT NAME: Bryan Bergeron

Offsite Construction Manager **FACILITY CONTACT TITLE:**

FACILITY CONTACT PHONE: 949-476-5441 FACILITY CONTACT PHONE EXT: Not reported

FACILITY CONTACT EMAIL: Bryan.Bergeron@LyonHomes.com

OPERATOR NAME: William Lyon Home Inc Map ID MAP FINDINGS
Direction

Distance Elevation Site

Site Database(s) EPA ID Number

CYPRESS GOLF CLUB (Continued)

S106387355

EDR ID Number

OPERATOR ADDRESS: 4695 MacArthur Court
OPERATOR CITY: Newport Beach
OPERATOR STATE: California
OPERATOR ZIP: 92660
OPERATOR CONTACT NAME: Bryan Bergeron

OPERATOR CONTACT TITLE: Offsite Construction Manager

OPERATOR CONTACT PHONE: 949-476-5441
OPERATOR CONTACT PHONE EXT: Not reported

OPERATOR CONTACT EMAIL: Bryan.Bergeron@LyonHomes.com

OPERATOR TYPE: Private Business
DEVELOPER NAME: William Lyon Home Inc
DEVELOPER ADDRESS: 4695 MacArthur Court
DEVELOPER CITY: Newport Beach

DEVELOPER STATE: California
DEVELOPER ZIP: 92660

DEVELOPER CONTACT NAME: Bryan Bergeron

DEVELOPER CONTACT TITLE: Offsite Construction Manager

CONSTYPE LINEAR UTILITY IND: N

EMERGENCY PHONE NO: Not reported EMERGENCY PHONE EXT: Not reported

CONSTYPE ABOVE GROUND IND:

CONSTYPE BELOW GROUND IND:

N
CONSTYPE CABLE LINE IND:

N
CONSTYPE COMM LINE IND:

N
CONSTYPE COMMERTIAL IND:

Y
CONSTYPE ELECTRICAL LINE IND:

N
CONSTYPE GAS LINE IND:

N
CONSTYPE INDUSTRIAL IND:

N

CONSTYPE OTHER DESRIPTION: Not reported

CONSTYPE OTHER IND: N
CONSTYPE RECONS IND: N
CONSTYPE RESIDENTIAL IND: Y
CONSTYPE TRANSPORT IND: N

CONSTYPE UTILITY DESCRIPTION: Not reported

CONSTYPE UTILITY IND: N
CONSTYPE WATER SEWER IND: N
DIR DISCHARGE USWATER IND: N

RECEIVING WATER NAME: Carbon Canyon Creek
CERTIFIER NAME: Bryan Bergeron

CERTIFIER TITLE: Offsite Construction Manager

CERTIFICATION DATE: 04-MAY-17
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 485988

Order No:
Regulatory Measure Type:
Place Id:
WDID:
Program Type:
Adoption Date Of Regulatory Measure:
Effective Date Of Regulatory Measure:
D2009-0009-DWQ
Enrollee
Not reported
S 30C379769
Construction
Not reported
D5/09/2017

Direction Distance Elevation

Site Database(s) EPA ID Number

CYPRESS GOLF CLUB (Continued)

S106387355

EDR ID Number

Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: Not reported

Discharge Name: William Lyon Home Inc
Discharge Address: 4695 MacArthur Court
Discharge City: Newport Beach

Discharge State: California Discharge Zip: 92660 RECEIVED DATE: Not reported PROCESSED DATE: Not reported STATUS CODE NAME: Not reported STATUS DATE: Not reported PLACE SIZE: Not reported PLACE SIZE UNIT: Not reported **FACILITY CONTACT NAME:** Not reported FACILITY CONTACT TITLE: Not reported **FACILITY CONTACT PHONE:** Not reported FACILITY CONTACT PHONE EXT: Not reported **FACILITY CONTACT EMAIL:** Not reported OPERATOR NAME Not reported **OPERATOR ADDRESS:** Not reported OPERATOR CITY: Not reported Not reported **OPERATOR STATE:** OPERATOR ZIP: Not reported **OPERATOR CONTACT NAME:** Not reported **OPERATOR CONTACT TITLE:** Not reported **OPERATOR CONTACT PHONE:** Not reported OPERATOR CONTACT PHONE EXT: Not reported **OPERATOR CONTACT EMAIL:** Not reported **OPERATOR TYPE:** Not reported **DEVELOPER NAME:** Not reported **DEVELOPER ADDRESS:** Not reported **DEVELOPER CITY:** Not reported **DEVELOPER STATE:** Not reported **DEVELOPER ZIP** Not reported **DEVELOPER CONTACT NAME:** Not reported **DEVELOPER CONTACT TITLE:** Not reported CONSTYPE LINEAR UTILITY IND: Not reported **EMERGENCY PHONE NO:** Not reported EMERGENCY PHONE EXT: Not reported CONSTYPE ABOVE GROUND IND: Not reported CONSTYPE BELOW GROUND IND: Not reported Not reported CONSTYPE CABLE LINE IND: CONSTYPE COMM LINE IND: Not reported CONSTYPE COMMERTIAL IND: Not reported CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported CONSTYPE OTHER DESRIPTION: Not reported CONSTYPE OTHER IND: Not reported CONSTYPE RECONS IND: Not reported CONSTYPE RESIDENTIAL IND: Not reported CONSTYPE TRANSPORT IND: Not reported CONSTYPE UTILITY DESCRIPTION: Not reported CONSTYPE UTILITY IND: Not reported CONSTYPE WATER SEWER IND: Not reported DIR DISCHARGE USWATER IND: Not reported RECEIVING WATER NAME: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CYPRESS GOLF CLUB (Continued) S106387355

CERTIFIER NAME: Not reported Not reported CERTIFIER TITLE: **CERTIFICATION DATE:** Not reported Not reported PRIMARY SIC: SECONDARY SIC: Not reported TERTIARY SIC: Not reported

RCRA-SQG 59 **DELANEY SASH & DOOR CO** 1000152336 NNW 10850 PORTAL DR CAD052837341 LUST

1/4-1/2 LOS ALAMITOS, CA 90720 **HIST UST** 0.378 mi. **FINDS** 1996 ft. **ECHO HIST CORTESE**

Relative:

RCRA-SQG: Higher

Date form received by agency: 09/01/1996 Actual:

Facility name: DELANEY SASH & DOOR CO 27 ft.

Facility address: 10850 PORTAL DR

LOS ALAMITOS, CA 90720

CAD052837341 EPA ID: Mailing address: PORTAL DR

LOS ALAMITOS, CA 90720

Contact: Not reported Not reported Contact address:

Not reported

Contact country: US

Contact telephone: Not reported Not reported Contact email:

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

NOT REQUIRED Owner/operator name: Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported 415-555-1212 Owner/operator telephone: 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

DELANEY SASH AND DOOR COMPANY Owner/operator name:

Owner/operator address: **NOT REQUIRED**

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 Owner/operator email: Not reported Owner/operator fax: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

DELANEY SASH & DOOR CO (Continued)

1000152336

EDR ID Number

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: Nο 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

Violation Status: No violations found

LUST:

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900398

Global Id: T0605900398
Latitude: 33.805482
Longitude: -118.059624

Status: Completed - Case Closed

Status Date: 03/11/1996 Case Worker: KL

RB Case Number: 083000498T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 87UT118

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Diesel, Gasoline Site History: Not reported

LUST:

Global Id: T0605900398

Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: cbernhardt@waterboards.ca.gov

Phone Number: 9517824495

Global Id: T0605900398

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

Direction Distance

Elevation Site Database(s) **EPA ID Number**

DELANEY SASH & DOOR CO (Continued)

1000152336

EDR ID Number

City: SANTA ANA klambert@ochca.com Email:

Phone Number: 7144336261

LUST:

Global Id: T0605900398 Action Type: REMEDIATION Date: 08/05/1987 Action: Excavation

T0605900398 Global Id: Action Type: Other Date: 05/22/1987 Action: Leak Reported

Global Id: T0605900398 Action Type: Other Date: 05/22/1987 Action: Leak Discovery

LUST:

Global Id: T0605900398

Status: Open - Case Begin Date

05/22/1987 Status Date:

Global Id: T0605900398

Status: Completed - Case Closed

Status Date: 03/11/1996

ORANGE CO. LUST:

ORANGE Region: Facility Id: 87UT118

Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4; Gasoline-Automotive

(motor gasoline and additives), leaded & unleaded

Date Closed: 03/11/1996 Record ID: RO0001393

LUST REG 8:

Region: County: Orange

Santa Ana Region Regional Board: Facility Status: Case Closed Case Number: 083000498T Local Case Num: 87UT118

Case Type: Other ground water affected

Substance: 12034,800661

Qty Leaked:

0 Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Funding: Not reported Tank Closure How Discovered: How Stopped: Close Tank Leak Cause: Unknown

Direction Distance

Elevation Site Database(s) EPA ID Number

DELANEY SASH & DOOR CO (Continued)

1000152336

EDR ID Number

Leak Source: Unknown T0605900398 Global ID: How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported 5/22/1987 Discover Date: **Enforcement Date:** Not reported Close Date: 3/11/1996 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST Latitude: 33.804266 Longitude: -118.0598999 MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration: 0

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel: 0

MTBE Tested: Not Required to be Tested.

MTBE Class: *
Staff: CAB
Staff Initials: \$S

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported
Not reported

Summary: Not reported

HIST UST:

File Number: 0002E84A

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E84A.pdf

Region: Not reported Facility ID: Not reported Facility Type: Not reported Not reported Other Type: Contact Name: Not reported Not reported Telephone: Not reported Owner Name: Owner Address: Not reported Not reported Owner City, St, Zip: Total Tanks: Not reported

Tank Num: Not reported Container Num: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

DELANEY SASH & DOOR CO (Continued)

1000152336

EDR ID Number

Year Installed:

Tank Capacity:
Not reported
Tank Used for:
Not reported
Type of Fuel:
Not reported

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110002649091

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

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000152336 Registry ID: 110002649091

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002649091

HIST CORTESE:

 Region:
 CORTESE

 Facility County Code:
 30

 Reg By:
 LTNKA

 Reg Id:
 083000498T

60 ORANGE COUNTY FIRE STATION #2 LUST \$103980161
NW 3642 GREEN AVE HIST CORTESE N/A
1/4-1/2 LOS ALAMITOS, CA 90720

1/4-1/2 LOS 0.379 mi.

1999 ft.

Relative: LUST:

Lower Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901596

Global Id: T0605901596
Latitude: 33.8017561
Longitude: -118.0712823

Status: Completed - Case Closed

Status Date: 06/10/1993

Case Worker: KL

RB Case Number: 083002157T

Local Agency: ORANGE COUNTY LOP

Direction Distance

Elevation Site Database(s) EPA ID Number

ORANGE COUNTY FIRE STATION #2 (Continued)

S103980161

EDR ID Number

File Location:
Local Agency
Local Case Number:
Potential Media Affect:
Potential Contaminants of Concern:
Site History:
Local Agency
92UT108
Soil
Potential Contaminants of Concern:
Diesel
Not reported

LUST:

Global Id: T0605901596

Contact Type: Local Agency Caseworker

Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA
Email: klambert@ochca.com

Phone Number: 7144336261

Thone Number.

Global Id: T0605901596

Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: nolson-martin@waterboards.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605901596

 Action Type:
 Other

 Date:
 08/19/1992

 Action:
 Leak Discovery

 Global Id:
 T0605901596

 Action Type:
 Other

 Date:
 08/19/1992

 Action:
 Leak Reported

LUST:

Global Id: T0605901596

Status: Open - Case Begin Date

Status Date: 08/19/1992

Global Id: T0605901596

Status: Completed - Case Closed

Status Date: 06/10/1993

ORANGE CO. LUST:

Region: ORANGE Facility Id: 92UT108

Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4

Date Closed: 06/10/1993 Record ID: RO0002458

LUST REG 8:

Region:

County: Orange

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ORANGE COUNTY FIRE STATION #2 (Continued)

S103980161

Regional Board: Santa Ana Region Facility Status: Case Closed Case Number: 083002157T Local Case Num: 92UT108 Case Type: Soil only Substance: Diesel Qty Leaked: 0

Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Funding: Not reported Tank Closure How Discovered: How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown Global ID: T0605901596 How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 8/19/1992 **Enforcement Date:** Not reported 6/10/1993 Close Date: Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Not reported Soil Qualifies: Operator: Not reported Facility Contact: Not reported

Interim: Not reported LUST Oversite Program: 33.8017561 Latitude: Longitude: -118.0712823 MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class:

NOM Staff: Staff Initials: SS Lead Agency:

Local Agency Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN

Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Not reported Summary:

HIST CORTESE:

CORTESE Region:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ORANGE COUNTY FIRE STATION #2 (Continued)

S103980161

Facility County Code: 30 **LTNKA** Reg By: 083002157T Reg Id:

N61 LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT **ENVIROSTOR** S110372607 NNW 10862 BLOOMFIELD STREET SCH N/A

1/4-1/2 LOS ALAMITOS, CA 90720

0.389 mi.

2052 ft. Site 1 of 2 in cluster N

ENVIROSTOR: Relative:

30590004 Facility ID: Higher Status: Inactive - Action Required

Actual: Status Date: 02/02/2010 26 ft.

Site Code: 404364 Site Type: School Cleanup

Site Type Detailed: School Acres: 1.8 NO NPL: **SMBRP** Regulatory Agencies: Lead Agency: **SMBRP** Program Manager: Angela Garcia Supervisor: Shahir Haddad

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

NONE SPECIFIED Site Mgmt Req: Funding: School District Latitude: 33.80655 Longitude: -118.0617 APN: NONE SPECIFIED

* RETIAL - MISC. Past Use:

Potential COC: Polychlorinated biphenyls (PCBs TPH-diesel

Confirmed COC: NONE SPECIFIED Potential Description: SOIL, SV, SURFW

Alias Name: LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT

Alias Type: Alternate Name

ORANGE COE-EASEMENT-ALAMITOS ES Alias Name:

Alias Type: Alternate Name

Alias Name: ORANGE COUNTY DEPARTMENT OF EDUCATION

Alias Type: Alternate Name Alias Name: 110022057361 Alias Type: EPA (FRS#) Alias Name: 404364

Project Code (Site Code) Alias Type:

30590004 Alias Name:

Alias Type: **Envirostor ID Number**

Alias Name: 60001323

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003 Comments: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/02/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 06/10/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Report

Completed Date: 06/18/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 02/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Workplan

Completed Date: 08/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 12/19/2007

Comments: Project was termianted by the Orange County Department of Education.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 12/15/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 10/15/2010

Comments: The site screening has been approved.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Date: 08/05/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/05/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 08/19/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 07/24/2002 Comments: Not reported

Future Area Name: Not reported Not reported Future Sub Area Name: Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

 Facility ID:
 60001323

 Status:
 Certified

 Status Date:
 01/09/2013

 Site Code:
 404847

 Site Type:
 School Cleanup

Site Type Detailed: School
Acres: 2.2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Christine Chiu
Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: School District Latitude: 33.80669 Longitude: -118.0619 APN: 241-241-35

Past Use: RAILROAD RIGHT OF WAY

Potential COC: Arsenic Polynuclear aromatic hydrocarbons (PAHs

Confirmed COC: Arsenic 30019-NO

Potential Description: SOIL

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

Alias Name: Los Alamitos Elementary School

Alias Type: Alternate Name

Alias Name: Los Alamitos Elementary School Easement

Alias Type: Alternate Name

Alias Name: Oral Deaf and Hard of Hearing Program

Alias Type: Alternate Name 241-241-35 Alias Name: Alias Type: APN Alias Name: 404847

Alias Type: Project Code (Site Code)

Alias Name: 30590004

Envirostor ID Number Alias Type:

Alias Name: 60001323

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: **PROJECT WIDE** Completed Sub Area Name: Not reported Completed Document Type: Correspondence Completed Date: 09/03/2013

Comments: On September 3, 2013, DTSC recognized that the District completed the

Hazardous Substances Subgrant.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Other Report Completed Date: 03/07/2011

Comments: On March 7, 2011, DTSC provided recommendations to the Los Alamitos

> Unified School District based on the current Site condition and use: 1) monitor and maintain the Site to prevent exposure to contaminated soil; and 2) notify DTSC and coordinate necessary mitigation measures

should the current Site condition and/or use change.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: *Correspondence - Received

Completed Date: 05/04/2011

Comments: In a letter, dated May 4, 2011, DTSC responded to the letter from the

Board of Education, Los Alamitos Unified School District. The letter summarized the April 14, 2011 meeting discussion regarding DTSC's Revolving Loan Fund Program and indicated DTSC will contact UPRC to

facilitate in the cleanup effort.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported **Fact Sheets** Completed Document Type: Completed Date: 01/03/2012

Comments: On January 3, 2012, the Fact Sheet announcing the public comment

period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration was mailed. In addition, the Fact Sheet was emailed to parents and faculty of the Los Alamitos Elementary School, McAuliffe Midle School, and Deaf and Hard of Hearing School (Orange County

Department of Education).

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Community Profile Completed Date: 01/09/2012

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Comments: The Community Profile, dated January 2012, was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/04/2012

Comments: On January 4, 2012, the public notice ad was published in the News

Enterprise. The public notice announced the public comment period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration

to start January 4, 2012 and end on February 3, 2012.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Workplan Amendment

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC approved the Removal Action Workplan,

including the Amendment to the RAW, for implementation.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 12/27/2012

Comments: On December 27, 2012, DTSC approved the Removal Action Completion

Report with a No Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/27/2012

Comments: On August 27, 2012, DTSC observed site conditions and RAW fieldwork

appears completed (i.e., parking lot striping was completed).

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Form 1479 - Site and Collections Summary

Completed Date: 09/12/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/09/2013

Comments: On January 9, 2013, DTSC certified that all response actions have

been completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 10/21/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: CEQA - Initial Study/ Neg. Declaration

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC signed the CEQA Negative Declaration and CEQA

Notice of Determination. The CEQA Filing Fee No Effect Determination

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Form was signed by the Department of Fish and Game on January 25,

2012.

Future Area Name: Not reported Future Sub Area Name: Not reported Not reported Future Document Type: Not reported Future Due Date: Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

SCH:

Facility ID: 60001323 Site Type: School Cleanup

Site Type Detail: School

Site Mgmt. Req.: NONE SPECIFIED

Acres: 2.2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Christine Chiu Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

Site Code: 404847 Assembly: 72 Senate: 34 Special Program Status: Not rep

Special Program Status: Not reported Status: Certified Status Date: 01/09/2013 Restricted Use: NO Funding: School District Latitude: 33.80669 Longitude: -118.0619 APN: 241-241-35

Past Use: RAILROAD RIGHT OF WAY

Potential COC: Arsenic, Polynuclear aromatic hydrocarbons (PAHs

Confirmed COC: Arsenic, 30019-NO

Potential Description: SOIL

Alias Name: Los Alamitos Elementary School

Alias Type: Alternate Name

Alias Name: Los Alamitos Elementary School Easement

Alias Type: Alternate Name

Alias Name: Oral Deaf and Hard of Hearing Program

Alias Type: Alternate Name
Alias Name: 241-241-35
Alias Type: APN
Alias Name: 404847

Alias Type: Project Code (Site Code)

Alias Name: 30590004

Alias Type: Envirostor ID Number

Alias Name: 60001323

Alias Type: Envirostor ID Number

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/03/2013

Comments: On September 3, 2013, DTSC recognized that the District completed the

Hazardous Substances Subgrant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/07/2011

Comments: On March 7, 2011, DTSC provided recommendations to the Los Alamitos

Unified School District based on the current Site condition and use:
1) monitor and maintain the Site to prevent exposure to contaminated soil; and 2) notify DTSC and coordinate necessary mitigation measures

should the current Site condition and/or use change.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: *Correspondence - Received

Completed Date: 05/04/2011

Comments: In a letter, dated May 4, 2011, DTSC responded to the letter from the

Board of Education, Los Alamitos Unified School District. The letter summarized the April 14, 2011 meeting discussion regarding DTSC's Revolving Loan Fund Program and indicated DTSC will contact UPRC to

facilitate in the cleanup effort.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/03/2012

Comments: On January 3, 2012, the Fact Sheet announcing the public comment

period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration was mailed. In addition, the Fact Sheet was emailed to parents and faculty of the Los Alamitos Elementary School, McAuliffe Midle School, and Deaf and Hard of Hearing School (Orange County

Department of Education).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/09/2012

Comments: The Community Profile, dated January 2012, was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/04/2012

Comments: On January 4, 2012, the public notice ad was published in the News

Enterprise. The public notice announced the public comment period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration

to start January 4, 2012 and end on February 3, 2012.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Workplan Amendment

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC approved the Removal Action Workplan,

including the Amendment to the RAW, for implementation.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 12/27/2012

Comments: On December 27, 2012, DTSC approved the Removal Action Completion

Report with a No Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/27/2012

Comments: On August 27, 2012, DTSC observed site conditions and RAW fieldwork

appears completed (i.e., parking lot striping was completed).

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Form 1479 - Site and Collections Summary

Completed Date: 09/12/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/09/2013

Comments: On January 9, 2013, DTSC certified that all response actions have

been completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 10/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: CEQA - Initial Study/ Neg. Declaration

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC signed the CEQA Negative Declaration and CEQA

Notice of Determination. The CEQA Filing Fee No Effect Determination Form was signed by the Department of Fish and Game on January 25,

2012.

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Not reported Future Due Date: Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Facility ID: 30590004
Site Type: School Cleanup

Site Type Detail: School

Site Mgmt. Req.: NONE SPECIFIED

Acres: 1.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Angela Garcia Supervisor: Shahir Haddad

Division Branch: Southern California Schools & Brownfields Outreach

 Site Code:
 404364

 Assembly:
 72

 Senate:
 34

Special Program Status: Not reported

Status: Inactive - Action Required

Status Date: 02/02/2010

Restricted Use: NO

Funding: School District
Latitude: 33.80655
Longitude: -118.0617
APN: NONE SPECIFIED

Past Use: * RETIAL - MISC.

Potential COC: Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs,

TPH-diesel

Confirmed COC: NONE SPECIFIED Potential Description: SOIL, SV, SURFW

Alias Name: LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT

Alias Type: Alternate Name

Alias Name: ORANGE COE-EASEMENT-ALAMITOS ES

Alias Type: Alternate Name

Alias Name: ORANGE COUNTY DEPARTMENT OF EDUCATION

Alias Type: Alternate Name
Alias Name: 110022057361
Alias Type: EPA (FRS #)
Alias Name: 404364

Alias Type: Project Code (Site Code)

Alias Name: 30590004

Alias Type: Envirostor ID Number

Alias Name: 60001323

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/02/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 06/10/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Report

Completed Date: 06/18/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 02/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Workplan

Completed Date: 08/29/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 12/19/2007

Comments: Project was termianted by the Orange County Department of Education.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 12/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening

Completed Date: 10/15/2010

Comments: The site screening has been approved.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 08/05/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/05/2003 Comments: Not reported

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Environmental Oversight Agreement Completed Document Type:

Completed Date: 08/19/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: **Environmental Oversight Agreement**

Completed Date: 07/24/2002 Comments: Not reported

Future Area Name: Not reported Not reported Future Sub Area Name: Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

LOS ALAMITOS UNIFIED SCHOOL DISTRICT N62

10862 BLOOMFIELD STREET

US BROWNFIELDS 1023620119 **FINDS** N/A

1/4-1/2 LOS ALAMITOS, CA 90720

0.389 mi.

NNW

2052 ft. Site 2 of 2 in cluster N

US BROWNFIELDS: Relative: Higher

LOS ALAMITOS UNIFIED SCHOOL DISTRICT Property Name: Recipient Name: California Department of Toxic Substances Control

Actual: 26 ft.

Grant Type: **BCRLF** Property Number: 241-241-01 Parcel size: 2.2 Latitude: 33.8018641 Longitude: -118.0631813

HCM Label: Address Matching-House Number

Map Scale: Not reported

Entrance Point of a Facility or Station Point of Reference:

Highlights: Not reported

Datum: North American Datum of 1983

Acres Property ID: 139281 IC Data Access: Not reported 07/09/2012 00:00:00 Start Date: Redev Completition Date: Not reported Completed Date: 08/10/2012 00:00:00

Acres Cleaned Up: 2.2 Cleanup Funding: 825772

Cleanup Funding Source: Brownfields RLF Program Income Subgranted

Assessment Funding: Not reported Assessment Funding Source: Not reported Not reported Redevelopment Funding: Redev. Funding Source: Not reported Redev. Funding Entity Name: Not reported Redevelopment Start Date: Not reported Assessment Funding Entity: Not reported

Cleanup Funding Entity: Dept. of Toxic Substances Control

Grant Type: Hazardous

Distance Elevation Sit

Site Database(s) EPA ID Number

LOS ALAMITOS UNIFIED SCHOOL DISTRICT (Continued)

1023620119

EDR ID Number

Accomplishment Type: Not reported Accomplishment Count: 0
Cooperative Agreement Number: 96987501
Start Date: Not reported Ownership Entity: Not reported

Completion Date: Not reported
Current Owner: Los Alamitos Unified School District

Did Owner Change: N
Cleanup Required: Y
Video Available: N

Photo Available: Not reported

Institutional Controls Required: N

IC Category Proprietary Controls:
IC Cat. Info. Devices:
IC Cat. Gov. Controls:
IC Cat. Enforcement Permit Tools:
IC in place date:

Not reported
Not reported
Not reported
Not reported

IC in place: N

State/tribal program date: 07/24/2002 00:00:00

State/tribal program ID: 60001323

State/tribal NFA date: 12/27/2012 00:00:00

Air contaminated: Not reported Air cleaned: Not reported Asbestos found: Not reported Asbestos cleaned: Not reported 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: Not reported Lead cleaned up: Not reported No media affected: Not reported Not reported Unknown media affected:

Other cleaned up:

Other metals found: Not reported Other metals cleaned: Not reported

Other contaminants found: Other contams found description: arsenic PAHs found: Not reported PAHs cleaned up: Not reported PCBs found: Not reported PCBs cleaned up: Not reported Petro products found: Not reported Petro products cleaned: Not reported Sediments found: Not reported Sediments cleaned: Not reported

Soil affected: Y
Soil cleaned up: Y

Surface water cleaned:

VOCs found:

VOCs cleaned:

VOCs cleaned:

Cleanup other description:

Num. of cleanup and re-dev. jobs:

Past use greenspace acreage:

Past use residential acreage:

Not reported

Not reported

Not reported

Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

LOS ALAMITOS UNIFIED SCHOOL DISTRICT (Continued)

1023620119

EDR ID Number

Surface Water: Not reported Past use commercial acreage: 2.2 Past use industrial acreage: Not reported Not reported Future use greenspace acreage: Future use residential acreage: Not reported Future use commercial acreage: Not reported Not reported Future use industrial acreage: Greenspace acreage and type: Not reported Superfund Fed. landowner flag: Not reported Arsenic cleaned up: Not reported Not reported Cadmium cleaned up: 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 Not reported No clean up: 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 Not reported Pesticides contaminant found: Selenium contaminant found: Not reported SVOCs contaminant found: Not reported Unknown contaminant found: Not reported Future Use: Multistory Not reported Not reported Media affected Bluiding Material: Not reported Media affected indoor air: Building material media cleaned up: Not reported

Property Description: The property was owned by Union Pacific Railroad since the 1930s and

susequently aquired by the Los Alamitos Unified School District

through condemnation.

Not reported

Not reported

Not reported

Below Poverty Number: 461 Below Poverty Percent: 12.4% Meidan Income: 6279 Meidan Income Number: 1252 Meidan Income Percent: 4.6% Vacant Housing Number: 120 Vacant Housing Percent: 47.6% **Unemployed Number:** 255 **Unemployed Percent:** 22.4%

Indoor air media cleaned up:

Unknown media cleaned up:

Past Use: Multistory

FINDS:

Registry ID: 110070068563

Direction Distance

Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS UNIFIED SCHOOL DISTRICT (Continued)

1023620119

ENVIROSTOR S117038742

N/A

EDR ID Number

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.

O63 ARROWHEAD PRODUCTS

60002104

4411 KATELLA AVENUE North 1/4-1/2 LOS ALAMITOS, CA 90720

0.405 mi.

2140 ft. Site 1 of 3 in cluster O

Higher

ENVIROSTOR: Relative: Facility ID:

Status: Active Actual: 09/23/2014 Status Date: 28 ft. Site Code: 401772 Site Type: Tiered Permit

> Site Type Detailed: Tiered Permit Acres: 0.5 NPL: NO Regulatory Agencies: **SMBRP SMBRP** Lead Agency:

Program Manager: Violeta Mislang Supervisor: Robert Senga Division Branch: Cleanup Cypress

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Responsible Party Latitude: 33.80408 Longitude: -118.0554

NONE SPECIFIED APN:

AEROSPACE MANUFACTURING/MAINTENANCE Past Use: Potential COC: Arsenic Chromium III Copper and compounds

Confirmed COC: 30001-NO 30152-NO 30156-NO

Potential Description: SOIL

401772 Alias Name:

Alias Type: Project Code (Site Code)

Alias Name: 60002104

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Consent Agreement

Completed Date: 08/08/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Phase 1 Completed Date: 09/25/2014

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ARROWHEAD PRODUCTS (Continued)

S117038742

S101481470

N/A

ENVIROSTOR

EMI

HAZNET

Comments: Not reported

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: Phase I Verification Completed Date: 09/15/2016 Comments: Not reported

Future Area Name: PROJECT WIDE Future Sub Area Name: Not reported

Future Document Type: Preliminary Endangerment Assessment Report

Future Due Date: 2019 Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

064 FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS

North **4411 KATELLA AVENUE** 1/4-1/2

LOS ALAMITOS, CA 90720

0.405 mi. 2140 ft. Site 2 of 3 in cluster O

ENVIROSTOR: Relative:

30370008 Facility ID: Higher

Status: Refer: Local Agency

Actual: Status Date: 01/11/2011 28 ft. Site Code: Not reported Site Type: Evaluation

Site Type Detailed: Evaluation Acres: NPL: NO **US EPA** Regulatory Agencies: Lead Agency: **US EPA** Program Manager: Not reported

Supervisor: Manny Alonzo Division Branch: Cleanup Cypress Assembly: 72

Senate: 34 Special Program: EPA - PASI

Restricted Use: NO

NONE SPECIFIED Site Mgmt Req: Funding: Not reported 33.80358 Latitude: Longitude: -118.0553 NONE SPECIFIED APN:

NONE SPECIFIED Past Use: * ALKALINE SOLUTION WITHOUT METALS Asbestos Containing Materials Potential COC:

(ACM * UNSPECIFIED ACID SOLUTION * UNSPECIFIED AQUEOUS SOLUTION *

UNSPECIFIED SOLVENT MIXTURES

Confirmed COC: NONE SPECIFIED Potential Description: NONE SPECIFIED

ARROWHEAD PRODUCTS COMPANY Alias Name:

Alias Type: Alternate Name Alias Name: CAD008302002

EPA Identification Number Alias Type:

Alias Name: CAD982360349

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

EDR ID Number

Alias Type: EPA Identification Number

Alias Name: 110000475888 Alias Type: EPA (FRS #) Alias Name: 30370008

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/28/1994

Comments: Database Validation Program confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/14/1992

Comments: SSI Report was reviewed by Region 4 staff. The facility began

operations in 1961 as the Arrowhead Products Div. of Federal-Mogul Corp. In 1983, facility was purchased by Indian Bar Co. In 1987, facility sold to present owner, Vesper Corp. Arrowhead Products manufactured metal and non-metal ducting for aircraft. The facility generates approx. 165 gals. of used degreas. containing 95% PCE, every 90 days. This is stored in 55 gal drums in storage yard.

Facility should be permitted. NFA by SMB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/22/1990

Comments: SITE SCREENING DONE EPA COMPLETED PRELIMINARY ASSESSMENT AND

RECOMMEND SCREENING SITE INSPECTION (HIGH PRIORITY).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 04/24/2009

Completed Date: 04/24/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1981

Comments: FACILITY IDENTIFIED ID PHONE BOOK MFG CHEMS IN 1966. AIRCRAFT EQUIP

MFG. WASTES NOW SEWERED, RECYCLED OR LDFL

Future Area Name: Not reported Future Sub Area Name: Not reported Not reported Future Document Type: Not reported Future Due Date: Schedule Area Name: Not reported Not reported Schedule Sub Area Name: Schedule Document Type: Not reported Schedule Due Date: Not reported Not reported Schedule Revised Date:

EMI:

Direction Distance Elevation

vation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

EDR ID Number

 Year:
 1987

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 42954

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 34
Reactive Organic Gases Tons/Yr: 16
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1990

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 22
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1995

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 18
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1996

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 13
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1997

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1998

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD Community Health Air Pollution Info System: Not reported

Consolidated Emission Reporting Rule: Not reported
Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 9
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1999

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0

Direction Distance Elevation

n Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

EDR ID Number

NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2000

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2001

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2002

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr:

Reactive Organic Gases Tons/Yr:

Carbon Monoxide Emissions Tons/Yr:

0

NOX - Oxides of Nitrogen Tons/Yr:

0

SOX - Oxides of Sulphur Tons/Yr:

0

Particulate Matter Tons/Yr:

0

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2003

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

EDR ID Number

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2004

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 5.015527 Reactive Organic Gases Tons/Yr: 4.91 Carbon Monoxide Emissions Tons/Yr: 0.13 NOX - Oxides of Nitrogen Tons/Yr: 0.481 SOX - Oxides of Sulphur Tons/Yr: 0.00307 Particulate Matter Tons/Yr: 0.05375101

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.03

 Year:
 2005

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 4.74276 Reactive Organic Gases Tons/Yr: 4.623030248 Carbon Monoxide Emissions Tons/Yr: .327

Carbon Monoxide Emissions Tons/Yr: .327
NOX - Oxides of Nitrogen Tons/Yr: .389
SOX - Oxides of Sulphur Tons/Yr: .00234
Particulate Matter Tons/Yr: .05554629
Part. Matter 10 Micrometers and Smllr Tons/Yr:.034533748777

 Year:
 2009

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Direction Distance Elevation

ion Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

EDR ID Number

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

 Year:
 2010

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 6.1521856599770297

Reactive Organic Gases Tons/Yr: 5.64642

 Carbon Monoxide Emissions Tons/Yr:
 0.407820000000000000

 NOX - Oxides of Nitrogen Tons/Yr:
 0.4854999999999999

 SOX - Oxides of Sulphur Tons/Yr:
 2.90999999999998E-3

 Particulate Matter Tons/Yr:
 3.6900000000000002E-2

 Part. Matter 10 Micrometers and Smllr Tons/Yr:3.6899599999998E-2

 Year:
 2011

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 6.5007767986 Reactive Organic Gases Tons/Yr: 5.41397 Carbon Monoxide Emissions Tons/Yr: 0.41908 NOX - Oxides of Nitrogen Tons/Yr: 0.49891 SOX - Oxides of Sulphur Tons/Yr: 0.00299 Particulate Matter Tons/Yr: 0.03792 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0379196

 Year:
 2012

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 6.613982224 Reactive Organic Gases Tons/Yr: 5.4762700052 Carbon Monoxide Emissions Tons/Yr: 0.42562 NOX - Oxides of Nitrogen Tons/Yr: 0.5067

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

SOX - Oxides of Sulphur Tons/Yr: 0.00304 0.03851 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0385096

Year: 2013 County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

SOUTH COAST AQMD Air District Name:

Not reported Community Health Air Pollution Info System: Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 5.5290276772 Reactive Organic Gases Tons/Yr: 4.7126200008 Carbon Monoxide Emissions Tons/Yr: 0.42672 NOX - Oxides of Nitrogen Tons/Yr: 0.25298 SOX - Oxides of Sulphur Tons/Yr: 0.00304 Particulate Matter Tons/Yr: 0.03866 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0386576

Year: 2014 County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 8.1440901619 Reactive Organic Gases Tons/Yr: 6.74688 Carbon Monoxide Emissions Tons/Yr: 0.17954 NOX - Oxides of Nitrogen Tons/Yr: 0.43118 SOX - Oxides of Sulphur Tons/Yr: 0.00294 Particulate Matter Tons/Yr: 0.04052 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.03979368

2015 Year: County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 26.640775316 Reactive Organic Gases Tons/Yr: 24.93715181 Carbon Monoxide Emissions Tons/Yr: 0.183758 NOX - Oxides of Nitrogen Tons/Yr: 0.44582315 SOX - Oxides of Sulphur Tons/Yr: 0.003036 0.042778012 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers and Smllr Tons/Yr:0.042005279488

HAZNET:

envid: S101481470

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

Year: 2013

GEPAID: CAC002755439

Contact: ARROWHEAD PRODUCTS

Telephone: 7148222564 Mailing Name: Not reported Mailing Address: 4411 KATELLA AVE Mailing City, St, Zip: LOS ALAMITOS, CA 90720

Gen County: Orange TSD EPA ID: CAD009007626 TSD County: Los Angeles Waste Category: Not reported

Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Disposal Method:

Include On-Site Treatment And/Or Stabilization)

CAD008302002

Tons:

Cat Decode: Not reported Method Decode: Not reported Facility County: Not reported

O65 FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS SEMS-ARCHIVE 1000344036 CAD008302002 RCRA-LQG

North 4411 KATELLA 1/4-1/2 LOS ALAMITOS, CA 90720

EPA ID:

0.405 mi.

2140 ft. Site 3 of 3 in cluster O

SEMS Archive: Relative:

903753 Site ID: Higher

Actual: Cong District: 38 28 ft. 6059

FIPS Code: FF: Ν

NPL: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9 Site ID: 903753 EPA ID: CAD008302002

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS Site Name:

NPL: N FF: Ν OU: 0 Action Code: VS

ARCH SITE Action Name:

SEQ:

Start Date: Not reported

Finish Date: 1991-06-07 00:00:00 Qual: Not reported **Current Action Lead:** EPA Perf In-Hse

Region: 9 Site ID: 903753 EPA ID: CAD008302002

Site Name: FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS

NPL: Ν FF: Ν OU: 0 Action Code: PΑ Action Name: PΑ

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

SEQ:

Start Date: Not reported 1990-03-22 00:00:00 Finish Date:

Qual: Current Action Lead: **EPA Perf**

Region: 9 Site ID: 903753 EPA ID: CAD008302002

Site Name: FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS

NPL: Ν FF: Ν OU: 0 Action Code: SI Action Name: SI SEQ:

Start Date: Not reported

1991-06-07 00:00:00 Finish Date:

Qual:

Current Action Lead: EPA Perf

Region: 9 Site ID: 903753 EPA ID: CAD008302002

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS Site Name:

NPL: FF: Ν OU: 0 Action Code: DS **DISCVRY** Action Name:

SEQ:

Start Date: 1987-12-01 00:00:00 Finish Date: 1987-12-01 00:00:00 Qual: Not reported

Current Action Lead: St Perf

RCRA-LQG:

Date form received by agency: 05/17/2016

Facility name: ARROWHEAD PRODUCTS CORPORATION

Facility address: 4411 KATELLA AVENUE

LOS ALAMITOS, CA 90720

EPA ID: CAD008302002 Mailing address: KATELLA AVENUE

LOS ALAMITOS, CA 90720

DERON WAKAYAMA Contact: Contact address: KATELLA AVENUE

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 714-828-7770

Telephone ext.: 2637

DWAKAYAMA@ARROWHEADPRODUCTS.NET Contact email:

EPA Region: 09 Land type: Private

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: KATELLA AVE. ASSOCIATES, INC. Owner/operator address: AVENUE OF THE AMERICAS

NEW YORK, NY 10020

Owner/operator country: US

Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Private Legal status: Owner/Operator Type: Owner Owner/Op start date: 01/01/1986 Owner/Op end date: Not reported

Owner/operator name: ARROWHEAD PRODUCTS

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Legal status: Private Operator Owner/Operator Type: Owner/Op start date: 01/01/1960 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Nο 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: 123

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

. Waste name: Unspecified alkaline solution

. Waste code: 132

. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121

for a list of metals)

Waste code: 135

. Waste name: Unspecified aqueous solution

. Waste code: 141

Waste name: Off-specification, aged, or surplus inorganics

Waste code: 151

. Waste name: Asbestos-containing waste

Waste code: 171

Waste name: Metal sludge (see 121)

Waste code: 181

Waste name: Other inorganic solid waste

. Waste code: 212

Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 221

. Waste name: Waste oil and mixed oil

Waste code: 223

. Waste name: Unspecified oil-containing waste

. Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

Waste code: 352

Waste name: Other organic solids

Waste code: 491

Waste name: Unspecified sludge waste

Waste code: 725

Waste name: Liquids with mercury > 20 mg/l

Waste code: 791

Waste name: Liquids with pH < 2

Waste code: 792

Waste name: Liquids with pH < 2 with metals

Waste code: D001

Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

Waste code: D003

. Waste name: REACTIVE WASTE

Map ID MAP FINDINGS
Direction

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

. Waste code: D005 . Waste name: BARIUM

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

Waste code: D009
Waste name: MERCURY

. Waste code: D010 . Waste name: SELENIUM

Waste code: D035

. Waste name: METHYL ETHYL KETONE

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,

 ${\sf ORTHO\text{-}DICHLOROBENZENE}, {\sf TRICHLOROFLUOROMETHANE}, {\sf AND}~1,1,2,$

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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

 ${\sf KETONE}, {\sf CARBON} \ {\sf DISULFIDE}, \ {\sf ISOBUTANOL}, \ {\sf PYRIDINE}, \ {\sf BENZENE},$

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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F006

. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT

FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

ALUMINUM.

. Waste code: U151
. Waste name: MERCURY

Historical Generators:

Date form received by agency: 03/01/2014

Site name: ARROWHEAD PRODUCTS CORPORATION

Classification: Large Quantity Generator

. Waste code: D001

Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

Waste code: D003

Waste name: REACTIVE WASTE

. Waste code: D006 . Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: F005

Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 07/17/2012

Site name: ARROWHEAD PRODUCTS CORPORATION

Classification: Large Quantity Generator

Waste code: 123

. Waste name: Unspecified alkaline solution

Waste code: 135

Waste name: Unspecified aqueous solution

Waste code: 181

. Waste name: Other inorganic solid waste

. Waste code: 214

Waste name: Unspecified solvent mixture

Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352

Map ID MAP FINDINGS
Direction

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

. Waste name: Other organic solids

. Waste code: 551

. Waste name: Laboratory waste chemicals

. Waste code: 791

. Waste name: Liquids with pH < 2

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: F005

Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F006

. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT

FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF

ALUMINUM.

Date form received by agency: 08/26/2010

Site name: ARROWHEAD PRODUCTS CORPORATION

Classification: Large Quantity Generator

. Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

Waste code: F006

. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT

FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM;

Direction Distance Elevation

EDR ID Number

n Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

(2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 07/01/2008

Site name: ARROWHEAD PRODUCTS CORPORATION

Classification: Large Quantity Generator

Waste code: D001

. Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D006
Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

. Waste code: D035

. Waste name: METHYL ETHYL KETONE

Date form received by agency: 01/21/2006

Site name: ARROWHEAD PRODUCTS CORP.

Classification: Large Quantity Generator

. Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D006 . Waste name: CADMIUM

Waste code: D007

. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D011
Waste name: SILVER

Waste code: D035

. Waste name: METHYL ETHYL KETONE

Date form received by agency: 02/26/2004

Site name: ARROWHEAD PRODUCTS CORP.

Classification: Large Quantity Generator

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D007 . Waste name: CHROMIUM

. Waste code: D011 . Waste name: SILVER

Date form received by agency: 02/19/2002

Site name: ARROWHEAD PRODUCTS CORP.

Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Site name: ARROWHEAD PRODUCTS CORP.

Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

Site name: ARROWHEAD PRODUCTS
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: FEDERAL-MOGUL CORP ARROWHEAD PROD DIV

Classification: Large Quantity Generator

Date form received by agency: 02/16/1996

Site name: ARROWHEAD PRODUCTS
Classification: Large Quantity Generator

Date form received by agency: 03/22/1994

Site name: ARROWHEAD PRODUCTS
Classification: Large Quantity Generator

Date form received by agency: 02/10/1992

Site name: ARROWHEAD PRODUCTS, DIVISION OF VESPER C

Classification: Large Quantity Generator

Date form received by agency: 03/15/1990

Site name: ARROWHEAD PRODUCTS
Classification: Large Quantity Generator

Date form received by agency: 08/14/1980

Site name: FEDERAL-MOGUL CORP ARROWHEAD PROD DIV

Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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,

Direction Distance

EDR ID Number Elevation **EPA ID Number** Site Database(s)

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

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.

Amount (Lbs): 40184.1

Waste code: D002

A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS Waste name:

> 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.

Amount (Lbs): 34939.5

Waste code: D003

A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS Waste name:

> NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 191

Waste code: D005 Waste name: **BARIUM** Amount (Lbs): 1799.4

Waste code: D007 Waste name: **CHROMIUM** Amount (Lbs): 121367.1

Waste code: D008 Waste name: **LEAD** Amount (Lbs): 61797.2

Waste code: D009 Waste name: **MERCURY**

Amount (Lbs):

Waste code: D010 Waste name: SELENIUM Amount (Lbs): 33.3

D035 Waste code:

METHYL ETHYL KETONE Waste name:

Amount (Lbs): 28739.1

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.

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

Amount (Lbs): 166.6

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.

Amount (Lbs): 28466.1

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.

Amount (Lbs): 27722.8

Waste code: F006

WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT

FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF

ALUMINUM.

Amount (Lbs): 770

Waste code: U151 Waste name: MERCURY

Amount (Lbs): 1

Facility Has Received Notices of Violations:

Regulation violated:

Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 11/03/2014 Date achieved compliance: 11/18/2014 Violation lead agency: State Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Not reported Enforcement lead agency: Proposed penalty amount: Not reported Not reported Final penalty amount: Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - Records/Reporting

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

Date violation determined: 06/24/2014
Date achieved compliance: 11/03/2014
Violation lead agency: State

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

Enforcement action date: 07/10/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

Date violation determined: 05/04/2006
Date achieved compliance: 06/01/2006
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/04/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

Date violation determined: 06/08/2004
Date achieved compliance: 07/07/2004
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 06/08/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Not reported

Evaluation Action Summary:

Evaluation date: 09/19/2016

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 11/02/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/02/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

Evaluation lead agency: State

Evaluation date: 06/08/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/01/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 11/18/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 11/05/2014

Evaluation: NOT A SIGNIFICANT NON-COMPLIER

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 11/03/2014

Evaluation: SIGNIFICANT NON-COMPLIER Area of violation: Generators - Pre-transport

Date achieved compliance: 11/18/2014 Evaluation lead agency: State

Evaluation date: 10/31/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported
Not reported
State

Evaluation date: 09/29/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/24/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:
Evaluation lead agency:

Not reported
Not reported
State

Evaluation date: 09/23/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

Evaluation date: 09/22/2014

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 09/18/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:
Date achieved compliance:
Evaluation lead agency:
Not reported
State

Evaluation date: 08/06/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 08/05/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

Evaluation date: 08/01/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

Evaluation date: 07/28/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 07/15/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 07/14/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/08/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 07/07/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

Evaluation lead agency: State

Evaluation date: 06/24/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 06/24/2014

Evaluation: SIGNIFICANT NON-COMPLIER Area of violation: Generators - Records/Reporting

Date achieved compliance: 11/03/2014 Evaluation lead agency: State

Evaluation date: 06/23/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 02/26/2014

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/27/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 11/08/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:
Date achieved compliance:
Evaluation lead agency:
Not reported
State

Evaluation date: 10/10/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

Evaluation date: 10/07/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:
Evaluation lead agency:

Not reported
Not reported
State

Evaluation date: 10/04/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/03/2013

Direction Distance

Elevation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

EDR ID Number

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/08/2012

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 06/19/2012

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 06/15/2011

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/20/2010

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 04/17/2009

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/04/2006

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 06/01/2006 Evaluation lead agency: Local

Evaluation date: 05/10/2005

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/08/2004

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 07/07/2004

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/15/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS (Continued)

1000344036

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/09/1992

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 06/01/2006

Evaluation lead agency: State Contractor/Grantee

LUST S105774198 P66 MR C'S AUTO NNW **10821 KYLE ST C** N/A

1/4-1/2 LOS ALAMITOS, CA 90721

0.413 mi.

2179 ft. Site 1 of 2 in cluster P

LUST: Relative:

ORANGE COUNTY LOP Lead Agency: Higher Case Type: **LUST Cleanup Site**

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901099 25 ft.

T0605901099 Global Id: 33.8180148 Latitude: -118.0645119 Longitude:

Status: Completed - Case Closed

Status Date: 02/13/1991 Case Worker: KL

RB Case Number: 083001449T

Local Agency: ORANGE COUNTY LOP

Local Agency File Location: Local Case Number: 90UT037 Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0605901099

Local Agency Caseworker Contact Type: Contact Name: **KEVIN LAMBERT** Organization Name: ORANGE COUNTY LOP Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605901099

Contact Type: Regional Board Caseworker Contact Name: PATRICIA HANNON

Organization Name: SANTA ANA RWQCB (REGION 8) Address: 3737 MAIN STREET, SUITE 500

City: **RIVERSIDE**

Email: phannon@waterboards.ca.gov

Phone Number: Not reported

LUST:

Global Id: T0605901099 Action Type: Other Date: 02/06/1990 Action: Leak Discovery

T0605901099 Global Id: Action Type: Other

Direction Distance

Elevation Site Database(s) EPA ID Number

MR C'S AUTO (Continued) S105774198

Date: 02/06/1990 Action: Leak Reported

LUST:

Global Id: T0605901099

Status: Open - Case Begin Date

Status Date: 02/06/1990

Global Id: T0605901099

Status: Completed - Case Closed

Status Date: 02/13/1991

ORANGE CO. LUST:

Region: ORANGE Facility Id: 90UT037

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Not reported

Date Closed: 02/13/1991 Record ID: RO0001755

LUST REG 8:

Abate Method:

Region: 8
County: Orange

Regional Board:

Facility Status:

Case Closed

Case Number:

Local Case Num:

90UT037

Case Type:

Soil only

Substance:

Qty Leaked:

Santa Ana Region

Case Closed

083001449T

90UT037

Soil only

Gasoline

0

Cross Street: Not reported Enf Type: Not reported Funding: Not reported Tank Closure How Discovered: How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown T0605901099 Global ID: 9/9/9999 How Stopped Date: Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 2/6/1990 **Enforcement Date:** Not reported Close Date: 2/13/1991 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported **Facility Contact:** Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MR C'S AUTO (Continued) S105774198

Interim: Not reported Oversite Program: LUST 33.805487 Latitude: Longitude: -118.0647541 MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

MTBE Class: PAH Staff: Staff Initials: SS

Lead Agency: Local Agency Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

P67 HIST CORTESE \$105024556 MR. C'S AUTO

10821 KYLE C NNW N/A

1/4-1/2 LOS ALAMITOS, CA 90720

0.413 mi.

2179 ft. Site 2 of 2 in cluster P

HIST CORTESE: Relative: Region:

CORTESE Higher Facility County Code: 30 Actual:

Reg By: **LTNKA** 25 ft. 083001449T Reg Id:

68 **TEXACO** LUST S101629814

WNW **SWEEPS UST** 11250 LOS ALAMITOS N/A

1/4-1/2 LOS ALAMITOS, CA 90720 HIST UST 0.464 mi. **CA FID UST** 2449 ft. **HIST CORTESE**

LUST: Relative:

ORANGE COUNTY LOP Lead Agency: Lower Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900582 22 ft.

T0605900582 Global Id: Latitude: 33.7993242 Longitude: -118.0716913

Status: Completed - Case Closed

Status Date: 07/14/2014

Case Worker: KL

RB Case Number: 083000733T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 86UT200

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO (Continued) S101629814

Site History: Please refer to recent Site Documents or Monitoring Reports in

GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports

submitted by consultants for the responsible party.

LUST:

T0605900582 Global Id:

Contact Type: Local Agency Caseworker Contact Name: KEVIN LAMBERT Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA

klambert@ochca.com Email:

Phone Number: 7144336261

Global Id: T0605900582

Regional Board Caseworker Contact Type: Contact Name: TOM E. MBEKE-EKANEM Organization Name: SANTA ANA RWQCB (REGION 8) Address: 3737 MAIN STREET, SUITE 500

RIVERSIDE City:

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 04/05/2011

Action: File Review - Closure

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 04/06/2009 Action: Staff Letter

Global Id: T0605900582 **RESPONSE** Action Type: Date: 04/06/2010

Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900582 **ENFORCEMENT** Action Type: Date: 11/05/2013

State Water Board Closure Order Action:

Global Id: T0605900582 Action Type: REMEDIATION Date: 08/01/1992

Action: Pump & Treat (P&T) Groundwater

T0605900582 Global Id: Action Type: REMEDIATION Date: 08/01/1992

Action: Other (Use Description Field)

Global Id: T0605900582 Action Type: REMEDIATION

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO (Continued) S101629814

Date: 04/26/1995

Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation) Action:

Global Id: T0605900582 Action Type: REMEDIATION Date: 08/01/1992 Action: Excavation

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 10/16/2012 Action: File review

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 07/14/2009 Action: Staff Letter

Global Id: T0605900582 Action Type: Other Date: 09/17/1996 Action: Leak Began

Global Id: T0605900582 Action Type: **RESPONSE** Date: 05/03/2013

Action: Request for Closure - Regulator Responded

T0605900582 Global Id: Action Type: Other 11/18/1986 Date: Action: Leak Reported

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 08/21/2013

Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

T0605900582 Global Id: **ENFORCEMENT** Action Type: Date: 05/11/2009 Action: Staff Letter

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 03/06/2008 Action: Staff Letter

Global Id: T0605900582 Action Type: **ENFORCEMENT** 06/04/2007 Date: Action: Staff Letter

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 11/08/2004 Action: Staff Letter

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO (Continued) S101629814

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 10/14/2005

 Action:
 Staff Letter

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 12/21/2007

 Action:
 Staff Letter

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 11/02/2006

 Action:
 Staff Letter

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 08/21/2013

Action: Clean Up Fund - Letter to RP

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 06/15/2010

 Action:
 Staff Letter

Global Id: T0605900582
Action Type: Other
Date: 09/17/1986
Action: Leak Discovery

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 07/14/2014

Action: Closure/No Further Action Letter

 Global Id:
 T0605900582

 Action Type:
 RESPONSE

 Date:
 04/19/2011

Action: Clean Up Fund - 5-Year Review Summary

LUST:

Global Id: T0605900582

Status: Open - Case Begin Date

Status Date: 09/17/1986

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/17/1986

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/22/1986

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/25/1986

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO (Continued) S101629814

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 06/11/1987

Global Id: T0605900582
Status: Open - Remediation

Status Date: 08/01/1992

Global Id: T0605900582 Status: Open - Remediation

Status Date: 09/01/2002

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/04/2009

Global Id: T0605900582

Status: Open - Verification Monitoring

Status Date: 01/01/2010

Global Id: T0605900582

Status: Open - Eligible for Closure

Status Date: 07/16/2013

Global Id: T0605900582

Status: Completed - Case Closed

Status Date: 07/14/2014

ORANGE CO. LUST:

Region: ORANGE Facility Id: 86UT200

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Date Closed: Not reported Record ID: RO0000847

LUST REG 8:

Region: 8
County: Orange

Regional Board: Santa Ana Region
Facility Status: Remediation Plan
Case Number: 083000733T
Local Case Num: 86UT200

Case Type: Other ground water affected

Substance: Gasoline

Qty Leaked: 0
Abate Method: Not reported

Cross Street: Not reported Enf Type: Not reported Funding: Not reported How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Tank Global ID: T0605900582

Global ID: T06059005 How Stopped Date: 9/9/9999 **EDR ID Number**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO (Continued) S101629814

Enter Date: Not reported 9/22/1986 Date Confirmation of Leak Began: Date Preliminary Assessment Began: 9/25/1986 Discover Date: 9/17/1986 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: 9/17/1986 Date Pollution Characterization Began: 6/11/1987 Date Remediation Plan Submitted: 8/1/1992 Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies: Soil Qualifies:

Operator: Not reported Facility Contact: Not reported Not reported Interim: Oversite Program: LUST Latitude: 33.7993242 Longitude: -118.0716913 MTBE Date: 12/28/2001 Max MTBE GW: 1400 MTBE Concentration: 0 Max MTBE Soil: 4000 MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class:

Staff: TME Staff Initials: SS

Lead Agency: Local Agency Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN Priority: Not reported Cleanup Fund Id: Not reported Not reported Work Suspended:

Summary: Not reported

SWEEPS UST:

Active Status: 4599 Comp Number: Number:

Board Of Equalization: 44-000217 Referral Date: 09-30-92 Action Date: 09-15-92 02-29-88 Created Date: Owner Tank Id: Not reported

30-000-004599-000001 SWRCB Tank Id:

Tank Status: Α 10000 Capacity: Active Date: Not reported M.V. FUEL Tank Use:

STG:

REG UNLEADED Content:

Number Of Tanks:

Status: Active

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO (Continued) S101629814

Comp Number: 4599 Number: 9

Board Of Equalization: 44-000217
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004599-000002

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: DIESEL Number Of Tanks: Not reported

Status: Active
Comp Number: 4599
Number: 9

 Board Of Equalization:
 44-000217

 Referral Date:
 09-30-92

 Action Date:
 09-15-92

 Created Date:
 02-29-88

 Owner Tank Id:
 Not reported

SWRCB Tank Id: 30-000-004599-000003

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 4599
Number: 9

Board Of Equalization: 44-000217
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004599-000004

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: DIESEL Number Of Tanks: Not reported

HIST UST:

File Number: 0002EEF2

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EEF2.pdf

Region: Not reported Facility ID: Not reported Facility Type: Not reported Other Type: Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO (Continued) S101629814

Contact Name: Not reported Not reported Telephone: Not reported Owner Name: Not reported Owner Address: Owner City, St, Zip: Not reported Total Tanks: Not reported

Not reported Tank Num: Container Num: Not reported Year Installed: Not reported Tank Capacity: Not reported Tank Used for: Not reported Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

30000733 Facility ID: Regulated By: **UTNKA** Regulated ID: Not reported Cortese Code: Not reported SIC Code: Not reported Facility Phone: 2134313449 Mail To: Not reported

Mailing Address: 3631 HBR BLVD STE 225 PAU

Mailing Address 2: Not reported

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported Contact Phone: Not reported **DUNs Number:** Not reported NPDES Number: Not reported EPA ID: Not reported Not reported Comments: Status: Active

HIST CORTESE:

CORTESE Region: Facility County Code: 30 Reg By: **LTNKA** Reg Id: 083000733T

EXXON #7-1433 LUST S101588975

11171 LOS ALAMITOS BLVD **SWEEPS UST** NW N/A **CA FID UST** 1/4-1/2 LOS ALAMITOS, CA 90720 0.490 mi. **HIST CORTESE**

2585 ft.

69

LUST: Relative:

ORANGE COUNTY LOP Lower Lead Agency: Case Type: **LUST Cleanup Site**

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900498 23 ft.

Global Id: T0605900498 33.80047 Latitude: Longitude: -118.07234

Status: Completed - Case Closed

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EXXON #7-1433 (Continued)

Status Date: 06/24/1997

Case Worker: KL

RB Case Number: 083000623T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 89UT166 Potential Media Affect: Soil

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline

Site History: Not reported

LUST:

T0605900498 Global Id:

Contact Type: Regional Board Caseworker Contact Name: CARL BERNHARDT

SANTA ANA RWQCB (REGION 8) Organization Name:

Address: 3737 MAIN STREET, SUITE 500

City: **RIVERSIDE**

Email: cbernhardt@waterboards.ca.gov

Phone Number: 9517824495

T0605900498 Global Id:

Contact Type: Local Agency Caseworker Contact Name: **KEVIN LAMBERT** Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA Email: klambert@ochca.com

Phone Number: 7144336261

LUST:

Global Id: T0605900498 Action Type: Other Date: 09/19/1989 Action: Leak Discovery

Global Id: T0605900498 Action Type: **ENFORCEMENT** Date: 05/20/1997

LOP Case Closure Summary to RB Action:

T0605900498 Global Id: Action Type: Other Date: 09/19/1989 Action: Leak Reported

LUST:

T0605900498 Global Id:

Open - Case Begin Date Status:

09/19/1989 Status Date:

Global Id: T0605900498

Status: Completed - Case Closed

06/24/1997 Status Date:

ORANGE CO. LUST:

S101588975

Distance Elevation

vation Site Database(s) EPA ID Number

EXXON #7-1433 (Continued)

Region: ORANGE Facility Id: 89UT166

Released Substance: Waste oil/Used oil; Gasoline-Automotive (motor gasoline and

additives), leaded & unleaded

Date Closed: 06/24/1997 Record ID: RO0000759

LUST REG 8:

Region: 8
County: Orange

Regional Board:

Facility Status:

Case Closed
Case Number:

Local Case Num:

Case Closed

89UT166
Case Type:

Soil only
Substance:

12035,800661

Qty Leaked: 0

Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Not reported Funding: How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown Global ID: T0605900498 How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 9/19/1989 **Enforcement Date:** Not reported Close Date: 6/24/1997 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Not reported Enter Date: GW Qualifies: Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.8003282 Latitude: Longitude: -118.0720133

MTBE Concentration: 0

MTBE Date:

Max MTBE GW:

Max MTBE Soil: Not reported

MTBE Fuel: 0

MTBE Tested: Not Required to be Tested.

Not reported

Not reported

MTBE Class:

Staff: CAB Staff Initials: SS

Lead Agency: Local Agency

EDR ID Number

S101588975

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EXXON #7-1433 (Continued)

S101588975

Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

SWEEPS UST:

Status: Not reported Comp Number: 4597 Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Not reported Created Date: Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004597-000001

Tank Status: Not reported 8000 Capacity: Active Date: Not reported UNKNOWN Tank Use: STG: **PRODUCT** Content: Not reported

Number Of Tanks:

Not reported Status: Comp Number: 4597 Number: Not reported Not reported Board Of Equalization: Referral Date: Not reported Action Date: Not reported Created Date: Not reported

Not reported Owner Tank Id:

SWRCB Tank Id: 30-000-004597-000002

Not reported Tank Status: Capacity: 8000 Active Date: Not reported UNKNOWN Tank Use: **PRODUCT** STG: Content: Not reported Number Of Tanks: Not reported

Status: Not reported

Comp Number: 4597

Number: Not reported Board Of Equalization: Not reported Not reported Referral Date: Not reported Action Date: Created Date: Not reported Owner Tank Id: Not reported

30-000-004597-000003 SWRCB Tank Id:

Not reported Tank Status: 8000 Capacity:

Active Date: Not reported Tank Use: UNKNOWN **PRODUCT** STG:

Direction Distance Elevation

Site Database(s) **EPA ID Number**

EXXON #7-1433 (Continued)

S101588975

EDR ID Number

Content: Not reported Number Of Tanks: Not reported

Not reported Status:

Comp Number: 4597 Number:

Not reported Board Of Equalization: Not reported Not reported Referral Date: Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004597-000004

Not reported Tank Status:

Capacity:

Active Date: Not reported UNKNOWN Tank Use: **PRODUCT** STG: Content: Not reported Number Of Tanks: Not reported

Status: Active Comp Number: 4597 Number:

Board Of Equalization: Not reported 09-30-92 Referral Date: Action Date: 06-18-92 Created Date: 02-29-88 Owner Tank Id: Not reported

30-000-004597-000005 SWRCB Tank Id:

Tank Status: Α 12000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL

STG:

REG UNLEADED Content:

Number Of Tanks:

Status: Active Comp Number: 4597 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 06-18-92 02-29-88 Created Date: Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004597-000006

Tank Status: Α

12000 Capacity: Active Date: Not reported M.V. FUEL Tank Use: STG:

Content: **REG UNLEADED** Number Of Tanks: Not reported

Status: Active Comp Number: 4597 Number: 9

Direction Distance

Elevation Site Database(s) **EPA ID Number**

EXXON #7-1433 (Continued)

Board Of Equalization: Not reported 09-30-92 Referral Date: Action Date: 06-18-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004597-000007

Tank Status: Α 12000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL STG:

LEADED Content: Number Of Tanks: Not reported

Status: Active Comp Number: 13650 Number:

Board Of Equalization: Not reported Referral Date: 09-30-92 09-15-92 Action Date: Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-013650-000001 Α

Tank Status:

12000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL

STG:

REG UNLEADED Content:

Number Of Tanks: 3

Status: Active Comp Number: 13650 Number:

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

30-000-013650-000002 SWRCB Tank Id:

Tank Status: Α 12000 Capacity: Active Date: Not reported M.V. FUEL Tank Use:

STG:

REG UNLEADED Content: Number Of Tanks: Not reported

Status: Active Comp Number: 13650 Number:

Board Of Equalization: Not reported 09-30-92 Referral Date: Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-013650-000003 S101588975

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EXXON #7-1433 (Continued)

S101588975

Tank Status: 12000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL STG: **LEADED** Content: Number Of Tanks:

CA FID UST:

Facility ID: 30000671 UTNKA Regulated By: Regulated ID: Not reported Cortese Code: Not reported SIC Code: Not reported Facility Phone: Not reported Not reported Mail To:

Mailing Address: **CONSTRUCTION & MAINT**

Not reported

Mailing Address 2: Not reported

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported Not reported Contact Phone: Not reported **DUNs Number:** NPDES Number: Not reported Not reported EPA ID: Not reported Comments: Status: Active

HIST CORTESE:

CORTESE Region: Facility County Code: 30 Reg By: **LTNKA** Reg Id: 083000623T

GRANADA CLEANERS NW 3391 KATELLA AVENUE LOS ALAMITOS, CA 90720 1/2-1

0.628 mi. 3318 ft.

70

ENVIROSTOR: Relative:

Lower Facility ID: 60002356 Status: Active

Actual: Status Date: 05/16/2016 23 ft. Site Code: 401757

Site Type: Voluntary Cleanup Site Type Detailed: Voluntary Cleanup

Acres: 0.14 NPL: NO Regulatory Agencies: **SMBRP** Lead Agency: **SMBRP** Program Manager: Chia Rin Yen Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: , 72 Senate: , 34

Special Program: Not reported

Restricted Use: NO **ENVIROSTOR**

VCP

S118757309

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GRANADA CLEANERS (Continued)

S118757309

NONE SPECIFIED Site Mgmt Req: Funding: Responsible Party 33.80332 Latitude: Longitude: -118.0733

APN: NONE SPECIFIED DRY CLEANING Past Use:

Potential COC: Tetrachloroethylene (PCE Confirmed COC: Tetrachloroethylene (PCE

Potential Description: SOIL, SV Alias Name: 401757

Project Code (Site Code) Alias Type:

60002356 Alias Name:

Envirostor ID Number Alias Type:

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 06/01/2017

Comments: Scoping meeting was held on 6/1/2017 to discuss additional

investigation needed for the site.

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: Correspondence Completed Date: 05/15/2017

Comments: Notification of the designated PM per VCA requirement.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/13/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Pre-HARP Form Completed Document Type: Completed Date: 06/13/2017 Comments: Not reported

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: Correspondence Completed Date: 05/03/2017 Comments: Not reported

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: Other Report 05/16/2016 Completed Date:

Comments: Background reports - Phase I and Phase II

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 09/12/2017 Comments: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

GRANADA CLEANERS (Continued)

S118757309

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 05/01/2017

Comments: Agreement fully executed.

Future Area Name: Not reported Future Sub Area Name: Not reported Not reported Future Document Type: Future Due Date: Not reported PROJECT WIDE Schedule Area Name: Schedule Sub Area Name: Not reported

Schedule Document Type: Preliminary Endangerment Assessment Report

Schedule Due Date: 05/30/2018 Schedule Revised Date: Not reported

VCP:

Facility ID: 60002356 Site Type: Voluntary Cleanup Site Type Detail: Voluntary Cleanup NONE SPECIFIED Site Mgmt. Req.:

Acres: 0.14 National Priorities List: NO **SMBRP** Cleanup Oversight Agencies: Lead Agency: **SMBRP**

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Chia Rin Yen Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

401757 Site Code: , 72 Assembly: , 34 Senate:

Special Programs Code: Not reported Status: Active 05/16/2016 Status Date: Restricted Use: NO

Funding:

Responsible Party Lat/Long: 33.80332 / -118.0733 NONE SPECIFIED APN: **DRY CLEANING** Past Use:

Potential COC: 30022 Confirmed COC: 30022 Potential Description: SOIL, SV Alias Name: 401757

Alias Type: Project Code (Site Code)

Alias Name: 60002356

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 06/01/2017

Scoping meeting was held on 6/1/2017 to discuss additional Comments:

investigation needed for the site.

Completed Area Name: PROJECT WIDE

Direction Distance

Elevation Site Database(s) EPA ID Number

GRANADA CLEANERS (Continued)

S118757309

EDR ID Number

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/15/2017

Comments: Notification of the designated PM per VCA requirement.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/13/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/03/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/16/2016

Comments: Background reports - Phase I and Phase II

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 09/12/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 05/01/2017

Comments: Agreement fully executed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported

Schedule Document Type: Preliminary Endangerment Assessment Report

Schedule Due Date: 05/30/2018 Schedule Revised Date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

71 **VAREC DIV, EMERSON ELECTRIC CO ENVIROSTOR** S103622068 NE N/A

10800 VALLEY VIEW ST Orange Co. Industrial Site CYPRESS, CA 90630 1/2-1 **EMI HAZNET** 0.866 mi.

4571 ft.

ENVIROSTOR: Relative:

30990005 Higher Facility ID:

Refer: 1248 Local Agency Status:

Actual: Status Date: 09/02/2004 39 ft. Site Code: Not reported Site Type: Evaluation

Site Type Detailed: Evaluation Acres: Not reported

NPL: NO

Regulatory Agencies: NONE SPECIFIED NONE SPECIFIED Lead Agency: Program Manager: Not reported

Supervisor: Referred - Not Assigned Division Branch: Cleanup Cypress

Assembly:

Not reported Senate: Special Program: Not reported

Restricted Use: NO Site Mgmt Req: NONE SPECIFIED Funding: Not Applicable Latitude: 33.80638 Longitude: -118.0276

APN: NONE SPECIFIED Past Use: NONE SPECIFIED Potential COC: NONE SPECIFIED Confirmed COC: NONE SPECIFIED Potential Description: NONE SPECIFIED Alias Name: 30990005

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: Not reported Completed Sub Area Name: Not reported Completed Document Type: Not reported Completed Date: Not reported Not reported Comments:

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Not reported Schedule Revised Date:

Orange Co. Industrial Site:

04IC015 Case ID: Record ID: RO0003315 **Current Status:** CLOSED 1/27/2005 Closure Type: Closure certification issued

Released Chemical: OIL AND WATER

Direction
Distance
Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

VAREC DIV, EMERSON ELECTRIC CO (Continued)

S103622068

EMI:

 Year:
 1987

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 23960

 Air District Name:
 SC

 SIC Code:
 3444

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1990

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 23960

 Air District Name:
 SC

 SIC Code:
 3599

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HAZNET:

envid: \$103622068 Year: 2016

GEPAID: CAC002870235
Contact: MIKE PEREZ
Telephone: 5628461638
Mailing Name: Not reported

Mailing Address: 10800 VALLEY VIEW ST Mailing City, St, Zip: CYPRESS, CA 906305016

Gen County: Orange
TSD EPA ID: CAD044429835
TSD County: Los Angeles

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.2

Cat Decode: Unspecified oil-containing waste

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Facility County: Orange

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

VAREC DIV, EMERSON ELECTRIC CO (Continued)

S103622068

envid: S103622068 Year: 2016

GEPAID: CAL000421273 MICHAEL PEREZ Contact: Telephone: 5628461638 Mailing Name: Not reported

Mailing Address: 10800 VALLEY VIEW ST Mailing City,St,Zip: CYPRESS, CA 90630

Gen County: Orange TSD EPA ID: CAD044429835 TSD County: Los Angeles

Unspecified oil-containing waste Waste Category:

Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery Disposal Method:

(H010-H129) Or (H131-H135)

Tons:

Cat Decode: Unspecified oil-containing waste

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Facility County: Orange

envid: S103622068 Year: 2016 GEPAID: CAL000421273 Contact: MICHAEL PEREZ Telephone: 5628461638 Mailing Name: Not reported

Mailing Address: 10800 VALLEY VIEW ST Mailing City, St, Zip: CYPRESS, CA 90630

Gen County: Orange CAD044429835 TSD EPA ID: TSD County: Los Angeles

Waste Category: Oil/water separation sludge

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

0.72975 Tons:

Cat Decode: Oil/water separation sludge

Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery Method Decode:

(H010-H129) Or (H131-H135)

Facility County: Orange

72 MONTE COLLINS BACKHOE & EQPMT INC RCRA-SQG 1000397052 **ENVIROSTOR** CAD982314023

NW 3342 CERRITOS AVE 1/2-1 LOS ALAMITOS, CA 90720

LUST HIST UST 0.948 mi. 5004 ft. **CA FID UST FINDS** Relative: **ECHO** Lower **HAZNET HIST CORTESE**

Actual:

24 ft. RCRA-SQG:

Date form received by agency: 10/23/1987

MONTE COLLINS BACKHOE & EQPMT INC Facility name:

Facility address: 3342 CERRITOS AVE

LOS ALAMITOS, CA 90720

EPA ID: CAD982314023 **CERRITOS AVE** Mailing address:

LOS ALAMITOS, CA 90720

Direction Distance

Elevation Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

Contact: ENVIRONMENTAL MANAGER

Contact address: 3342 CERRITOS AVE

LOS ALAMITOS, CA 90720

Contact country: US

Contact telephone: 714-827-9695 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: COLLINS MONTE
Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 Not reported Owner/operator email: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

Used oil transporter: No

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 30280378

Status: Refer: Other Agency

Status Date: 08/31/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO

Regulatory Agencies: NONE SPECIFIED NONE SPECIFIED NONE SPECIFIED Not reported Supervisor: * Mmonroy Division Branch: * Cleanup Cypress

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Not reported Latitude: 33.80933 Longitude: -118.0739

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED

Alias Name: CALIFORNIA BATCHING EQUIPMENT

Alias Type: Alternate Name

Alias Name: MONTE COLLINS BACKHOE & EQUIPMENT INC

Alias Type: Alternate Name Alias Name: CAD982314023

Alias Type: HWTS Identification Code

Alias Name: 30280378

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/27/1994

Comments: Database Validation Program confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/23/1991

Comments: The PA Report was reviewed by Region 4 staff. The site at 3342

Cerritos Ave. is now Monte Collins Backhoe & Equipment rental company. From 1960 to 1980 the site was California Batching Equipment. EPA found no record of a Velsicol Chem. Company. Staff

recommends NFA by Site Mitigation.

Completed Area Name: PROJECT WIDE

Direction Distance

Elevation Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

Completed Sub Area Name: Not reported Completed Document Type: * Discovery Completed Date: 08/01/1981

Comments: FACILITY IDENTIFIED VIA OLD PHONE BOOK SEARCH CHEMICAL FIRM ONSITE IN

1947

Future Area Name: Not reported Not reported Future Sub Area Name: Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported

LUST:

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902252

Global Id: T0605902252
Latitude: 33.8103064
Longitude: -118.0781715

Status: Completed - Case Closed

Status Date: 04/26/1999 Case Worker: KL

RB Case Number: 083003403T

Local Agency: ORANGE COUNTY LOP

File Location:

Local Agency
Local Case Number:

99UT003

Potential Media Affect:

Potential Contaminants of Concern:

Site History:

Local Agency

99UT003

Soil

Not reported

LUST:

Global Id: T0605902252

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP
Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA
Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605902252

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

Global Id: T0605902252
Action Type: Other
Date: 12/11/1998

Direction Distance

Elevation Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

Action: Leak Discovery

 Global Id:
 T0605902252

 Action Type:
 Other

 Date:
 12/11/1998

 Action:
 Leak Reported

LUST:

Global Id: T0605902252

Status: Open - Case Begin Date

Status Date: 12/11/1998

Global Id: T0605902252

Status: Completed - Case Closed

Status Date: 04/26/1999

ORANGE CO. LUST:

Region: ORANGE Facility Id: 99UT003

Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4

Date Closed: 04/26/1999
Record ID: RO0002828

LUST REG 8:

Region: 8
County: Orange

Regional Board:

Facility Status:

Case Closed

Case Number:

Local Case Num:

99UT003

Case Type:

Soil only

Substance:

Qty Leaked:

Santa Ana Region

Case Closed

083003403T

99UT003

Soil only

Diesel

0

Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Not reported Funding: Tank Closure How Discovered: Close Tank How Stopped: Leak Cause: Unknown Leak Source: Unknown Global ID: T0605902252 How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 12/11/1998 **Enforcement Date:** Not reported Close Date: 4/26/1999 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported

Not reported

Not reported

Date Post Remedial Action Monitoring:

Enter Date:

Direction Distance

Elevation Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

GW Qualifies: Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported LUST Oversite Program: 33.810199 Latitude: -118.0743186 Longitude: MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class:

Staff: TME
Staff Initials: SS
Lead Agency: Loca

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported
Not reported

Summary: Not reported

HIST UST:

File Number: 0002EBD6

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EBD6.pdf

Region: STATE
Facility ID: 00000014963
Facility Type: Other

Other Type: CONTRACTORS EQ., YAR

Contact Name: KARL EAKIN Telephone: 2135989721

Owner Name: MONTE COLLINS BACKHOE AND EQUI

Owner Address: 3342 CERRITOS AVENUE
Owner City,St,Zip: LOS ALAMITOS, CA 90720

Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1980
Tank Capacity: 00009950
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002 Container Num: 2 Year Installed: 1980 Tank Capacity: 00009950 Tank Used for: **PRODUCT** Type of Fuel: DIESEL Container Construction Thickness: Not reported Leak Detection: Stock Inventor

Direction Distance Elevation

Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 30009339
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134303715
Mail To: Not reported

Mailing Address: ATTN: LANCE SCIMMER AVE

Mailing Address 2: Not reported

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110002791943

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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: 1000397052 Registry ID: 110002791943

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002791943

HAZNET:

envid: 1000397052 Year: 2016

GEPAID: CAD982314023 Contact: LANCE SLIMMER Telephone: 5624303715

Direction Distance

Elevation Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

Mailing Name: Not reported Mailing Address: PO BOX 697

Mailing City, St, Zip: LOS ALAMITOS, CA 907200697

Gen County: Orange
TSD EPA ID: CAT080013352
TSD County: Los Angeles

Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,

Organics Recovery Ect

Tons: 1.26

Cat Decode: Aqueous solution with total organic residues less than 10 percent

Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,

Organics Recovery Ect

Facility County: Orange

envid: 1000397052 Year: 2010

GEPAID: CAD982314023
Contact: LANCE SLIMMER
Telephone: 5624303715
Mailing Name: Not reported
Mailing Address: PO BOX 697

Mailing City, St, Zip: LOS ALAMITOS, CA 907200697

Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.084
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000397052 Year: 2010

GEPAID: CAD982314023
Contact: LANCE SLIMMER
Telephone: 5624303715
Mailing Name: Not reported
Mailing Address: PO BOX 697

Mailing City, St, Zip: LOS ALAMITOS, CA 907200697

Gen County: Not reported TSD EPA ID: CAT000613893 TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.084
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000397052 Year: 2000

GEPAID: CAD982314023 Contact: LANCE SLIMMER

Direction Distance

Elevation Site Database(s) EPA ID Number

MONTE COLLINS BACKHOE & EQPMT INC (Continued)

1000397052

EDR ID Number

Telephone: 5624303715
Mailing Name: Not reported
Mailing Address: PO BOX 697

Mailing City, St, Zip: LOS ALAMITOS, CA 907200697

Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported

Waste Category: Unspecified aqueous solution

Disposal Method: Recycler
Tons: 0.02
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000397052 Year: 2000

GEPAID: CAD982314023
Contact: LANCE SLIMMER
Telephone: 5624303715
Mailing Name: Not reported
Mailing Address: PO BOX 697

Mailing City, St, Zip: LOS ALAMITOS, CA 907200697

Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported

Waste Category: Unspecified aqueous solution

Disposal Method: Recycler
Tons: 0.02
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

<u>Click this hyperlink</u> while viewing on your computer to access 2 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083003403T

Count: 21 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ALAMITOS	S114638151	JOINT FORCES TRAINING BASE, LOS AL	BLDG 57 VALLEY FORGE AVE.		RGA LUST
LOS ALAMITOS	S114638148	JOINT FORCES TRAINING BASE, LOS AL	BLDG 244 LEXINGTON		RGA LUST
LOS ALAMITOS	S114638140	JOINT FORCES TRAINING BASE, LOS AL	BLDG. 244 LEXINGTON		RGA LUST
LOS ALAMITOS	S114638128	JOINT FORCES TRAINING BASE, LOS AL	BLDG. 244 LEXINGTON		RGA LUST
LOS ALAMITOS	1023337666	JOINT FORCES TRAINING BASE (LOS AL	BLDG. 244 LEXINGTON	90720	FINDS
LOS ALAMITOS	S107539451		MR C TOW YARD 10821 BLOOMFIELD	90720	CDL
LOS ALAMITOS	1023233767	JOINT FORCES TRAINING BASE (LOS AL	CONSTITUTION	90720	FINDS
LOS ALAMITOS	S114726471	CITY OF LOS ALAMITOS LVT OP.	WEST END CONSTITUTION AVE OFF		RGA LF
LOS ALAMITOS	S114729901	LOS ALAMITOS ARMED FORCES RESERVE	LEXINGTON & FARQUHAR AVES		RGA LF
LOS ALAMITOS	S114729900	LOS ALAMITOS AFRC LANDFILL	LEXINGTON & FARQUHAR AVES		RGA LF
LOS ALAMITOS	S114638132	JOINT FORCES TRAINING BASE, LOS AL	LEXINGTON STREET		RGA LUST
LOS ALAMITOS	S112836639	LOS ALAMITOS AFRC	LEXINGTON AVE	90720	HAZNET
LOS ALAMITOS	1010006407	LOS ALAMITOS ARMED FORCES RESERVE	LEXINGTON DRIVE AT FARQUHAR	90720	FTTS
LOS ALAMITOS	1018132519	LOS ALAMITOS AIR FORCE RESERVE CEN	LEXINGTON AVE	90720	DOCKET HWC
LOS ALAMITOS	S111215393	LOS ALAMITOS READINESS CENTER HEAD	4432 LIBERTY AVENUE	90720	NPDES
LOS ALAMITOS	S114729902	LOS ALAMITOS JFTB LANDFILLS	LOS ALAMITOS BLVD. & KATELLA A		RGA LF
LOS ALAMITOS	1016264352	CITY OF LOS ALAMITOS	LOS ALAMITOS BLVD BRIDGE OVER	90720	FINDS, ECHO
LOS ALAMITOS	1010006408	LOS ALAMITOS ARMED FORCES RESERVE	LOS ALAMITOS AFDC, BLDG 57	90720	FTTS
LOS ALAMITOS	S114638139	JOINT FORCES TRAINING BASE, LOS AL	VALLEY FORGE AVE.		RGA LUST
LOS ALAMITOS	S114638127	JOINT FORCES TRAINING BASE, LOS AL	VALLEY FORGE AVE.		RGA LUST
OS ALAMITOS	1023252034	JOINT FORCES TRAINING BASE (LOS AL	VALLEY FORGE AVE.	90720	FINDS

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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 04/16/2018
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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 14

Source: EPA Telephone: N/A

Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 04/16/2018 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: 01/05/2018

Next Scheduled EDR Contact: 04/16/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/17/2018

Next Scheduled EDR Contact: 04/30/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/17/2018

Next Scheduled EDR Contact: 04/30/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018
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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 05/22/2017 Date Data Arrived at EDR: 06/13/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 94

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/08/2017

Next Scheduled EDR Contact: 02/26/2018 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: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018 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: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018

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: 09/18/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/13/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources

Control Board's LUST database.

Date of Government Version: 03/01/2001 Date Data Arrived at EDR: 04/23/2001 Date Made Active in Reports: 05/21/2001

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Telephone: 760-776-8943

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control

Board's LUST database.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa

Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information,

please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001 Date Data Arrived at EDR: 02/28/2001 Date Made Active in Reports: 03/29/2001

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

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: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 10/14/2016 Date Data Arrived at EDR: 01/27/2017 Date Made Active in Reports: 05/05/2017

Number of Days to Update: 98

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Semi-Annually

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: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018
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: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/25/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 31

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 31

Source: State Water Resources Control Board Telephone: 866-480-1028

Last EDR Contact: 12/12/2018 Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

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: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 36

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016 Date Data Arrived at EDR: 07/12/2016 Date Made Active in Reports: 09/19/2016

Number of Days to Update: 69

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

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: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 05/02/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 134

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

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: 04/25/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 10/14/2016 Date Data Arrived at EDR: 01/27/2017 Date Made Active in Reports: 05/05/2017

Number of Days to Update: 98

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Semi-Annually

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: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Quarterly

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: 12/20/2017

Next Scheduled EDR Contact: 04/09/2018 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

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA

Date of Government Version: 12/22/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 36

Source: State Water Resources Control Board

Telephone: 916-323-7905 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

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: 08/21/2017 Date Data Arrived at EDR: 09/20/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 36

Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

Date of Government Version: 05/30/2017 Date Data Arrived at EDR: 05/31/2017 Date Made Active in Reports: 08/15/2017

Number of Days to Update: 76

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/26/2018 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: 01/30/2018

Next Scheduled EDR Contact: 05/14/2018 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: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018

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: 11/03/2017

Next Scheduled EDR Contact: 02/12/2018

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: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017 Date Data Arrived at EDR: 08/18/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 34

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 01/08/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995 Date Data Arrived at EDR: 08/30/1995 Date Made Active in Reports: 09/26/1995

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

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: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994 Date Data Arrived at EDR: 07/07/2005 Date Made Active in Reports: 08/11/2005

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/27/2017 Date Data Arrived at EDR: 11/29/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 19

Source: Department of Public Health Telephone: 707-463-4466

Last EDR Contact: 11/28/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county

source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994 Date Data Arrived at EDR: 09/05/1995 Date Made Active in Reports: 09/29/1995

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/30/2017 Date Data Arrived at EDR: 12/01/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 41

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Varies

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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 37

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 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: 09/21/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/09/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 57

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 01/26/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 30

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 31

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/26/2018 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: 06/06/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 11/22/2017

Next Scheduled EDR Contact: 03/05/2018 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: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 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: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018

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: 11/17/2017

Next Scheduled EDR Contact: 02/26/2018 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: 10/17/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 01/31/2018

Next Scheduled EDR Contact: 05/21/2018

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: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/19/2018 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

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: 12/22/2017

Next Scheduled EDR Contact: 04/02/2018 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: 01/10/2018

Next Scheduled EDR Contact: 03/05/2018 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: 01/25/2018

Next Scheduled EDR Contact: 05/07/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 03/19/2018 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: 11/02/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 05/07/2018
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: 12/22/2017

Next Scheduled EDR Contact: 02/19/2018 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: 01/12/2018

Next Scheduled EDR Contact: 04/23/2018 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: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Quarterly

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: 01/19/2018

Next Scheduled EDR Contact: 11/20/2017 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: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 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: 12/08/2017

Next Scheduled EDR Contact: 03/19/2018 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: 01/26/2018

Next Scheduled EDR Contact: 05/07/2018

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: 10/02/2017 Date Data Arrived at EDR: 10/05/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/16/2018 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: 01/19/2018

Next Scheduled EDR Contact: 05/14/2018 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: 09/30/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/02/2018

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: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 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: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 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: 12/23/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 02/19/2018 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: 11/22/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 04/16/2018 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: 10/29/2017 Date Data Arrived at EDR: 11/28/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 11/28/2017

Next Scheduled EDR Contact: 03/12/2018 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: 12/01/2017

Next Scheduled EDR Contact: 03/12/2018 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: 12/01/2017

Next Scheduled EDR Contact: 03/12/2018 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: 09/25/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 24

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 12/19/2017

Next Scheduled EDR Contact: 03/26/2018 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: 07/23/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 9

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 73

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 01/02/2018

Next Scheduled EDR Contact: 04/30/2018 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: 09/02/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/19/2018 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: 06/27/2017 Date Data Arrived at EDR: 11/21/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018 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: 11/20/2017 Date Data Arrived at EDR: 11/20/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 53

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of

Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste

Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/22/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Annually

EMI: Emissions Inventory Data

garment services.

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 03/21/2017 Date Made Active in Reports: 08/15/2017

Number of Days to Update: 147

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 04/02/2018

Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 34

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 10/24/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 52

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. 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: 11/14/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 31

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/12/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 97

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 01/08/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/20/2017 Date Data Arrived at EDR: 11/20/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 37

Source: Department of Toxic Subsances Control

Telephone: 877-786-9427 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/20/2017 Date Data Arrived at EDR: 11/20/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 37

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/10/2017 Date Data Arrived at EDR: 10/10/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 7

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 31

Source: Department of Conservation Telephone: 916-322-1080 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/29/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 42

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/13/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 42

Source: Department of Pesticide Regulation

Telephone: 916-445-4038 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 35

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/14/2017 Date Data Arrived at EDR: 12/15/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 32

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 04/02/2018

Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 36

Source: Deaprtment of Conservation Telephone: 916-445-2408

Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015 Date Data Arrived at EDR: 04/17/2015 Date Made Active in Reports: 06/23/2015

Number of Days to Update: 67

Source: RWQCB, Central Valley Region

Telephone: 559-445-5577 Last EDR Contact: 01/12/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 12/19/2017

Next Scheduled EDR Contact: 04/09/2018

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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: 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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: 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 Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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 Department of Resources Recycling and Recovery in California.

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

Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

Source: Department of Resources Recycling and Recovery

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 State Water Resources Control Board in California.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013 Number of Days to Update: 182

Source: State Water Resources Control Board Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 09/22/2017 Date Data Arrived at EDR: 09/22/2017 Date Made Active in Reports: 10/10/2017

Number of Days to Update: 18

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 27

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 04/24/2047 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List Cupa Facility List

> Date of Government Version: 12/08/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 15

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017 Date Data Arrived at EDR: 04/25/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 106

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018

Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/31/2017 Date Data Arrived at EDR: 09/05/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 64

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 12/20/2017

Next Scheduled EDR Contact: 10/09/2017 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/20/2017 Date Data Arrived at EDR: 11/29/2017 Date Made Active in Reports: 01/19/2018

Number of Days to Update: 51

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

> Date of Government Version: 10/31/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 11/14/2017

Number of Days to Update: 13

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/06/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 21

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/03/2017 Date Data Arrived at EDR: 10/06/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 40

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 10/25/2017 Date Data Arrived at EDR: 10/27/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 19

Source: Glenn County Air Pollution Control District

Telephone: 830-934-6500 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 08/03/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List Cupa facility list.

> Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 10/24/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 22

Source: San Diego Border Field Office Telephone: 760-339-2777 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 08/04/2017

Number of Days to Update: 56

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/20/2017

Number of Days to Update: 43

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 28

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 11/09/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 5

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 07/24/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 82

Source: Lassen County Environmental Health

Telephone: 530-251-8528 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 5

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/16/2017 Date Data Arrived at EDR: 10/17/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 51

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 04/21/2017 Date Made Active in Reports: 10/09/2017

Number of Days to Update: 171

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 01/10/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 31

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 01/17/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 04/19/2017 Date Made Active in Reports: 05/10/2017

Number of Days to Update: 21

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 01/10/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017 Date Data Arrived at EDR: 03/10/2017 Date Made Active in Reports: 05/03/2017

Number of Days to Update: 54

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018 Date Data Arrived at EDR: 01/05/2018 Date Made Active in Reports: 01/18/2018

Number of Days to Update: 13

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 10/26/2017 Date Data Arrived at EDR: 10/27/2017 Date Made Active in Reports: 11/06/2017

Number of Days to Update: 10

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/02/2018 Date Data Arrived at EDR: 01/05/2018 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 12

Source: Public Works Department Waste Management

Telephone: 415-473-6647 Last EDR Contact: 01/02/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List CUPA Facility List

MONTEREY COUNTY:

Date of Government Version: 11/21/2017 Date Data Arrived at EDR: 11/27/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 30

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Varies

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 01/11/2018 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 20

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017 Date Data Arrived at EDR: 01/11/2017 Date Made Active in Reports: 03/02/2017

Number of Days to Update: 50

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 11/22/2017 Date Data Arrived at EDR: 11/27/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 22

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 8

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/09/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 28

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/09/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 36

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 42

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/07/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/08/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 50

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 12

Source: Plumas County Environmental Health

Telephone: 530-283-6355 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 28

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/15/2017

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 27

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/15/2017

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 3

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/03/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 44

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/03/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 11/17/2017

Number of Days to Update: 14

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018

Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2017 Date Data Arrived at EDR: 12/01/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 46

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 37

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015 Date Data Arrived at EDR: 11/07/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 58

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 06/15/2010 Date Made Active in Reports: 07/09/2010

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 11/29/2017

Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 42

Source: Department of Public Health Telephone: 415-252-3920

Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/20/2017 Date Data Arrived at EDR: 12/21/2017 Date Made Active in Reports: 02/01/2018

Number of Days to Update: 42

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/12/2017 Date Data Arrived at EDR: 12/14/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/06/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2017 Date Data Arrived at EDR: 12/14/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 11/14/2017 Date Data Arrived at EDR: 11/16/2017 Date Made Active in Reports: 01/04/2018

Number of Days to Update: 49

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 34

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 05/23/2017

Number of Days to Update: 90

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017 Date Data Arrived at EDR: 06/19/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 51

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017 Date Data Arrived at EDR: 12/15/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 28

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/08/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017 Date Data Arrived at EDR: 12/15/2017 Date Made Active in Reports: 01/18/2018

Number of Days to Update: 34

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/08/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List Cupa Facility list

Date of Government Version: 12/20/2017 Date Data Arrived at EDR: 12/21/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 41

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 12/19/2017

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/03/2017 Date Data Arrived at EDR: 10/06/2017 Date Made Active in Reports: 11/10/2017

Number of Days to Update: 35

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 6

Source: Stanislaus County Department of Ennvironmental Protection

Telephone: 209-525-6751 Last EDR Contact: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018

Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/01/2017 Date Data Arrived at EDR: 12/04/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 15

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 12/01/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List
Cupa facilities

Date of Government Version: 11/16/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 31

Source: Tehama County Department of Environmental Health

Telephone: 530-527-8020 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 10/24/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 23

Source: Department of Toxic Substances Control

Telephone: 760-352-0381 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017 Date Data Arrived at EDR: 09/28/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division

Telephone: 559-624-7400 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 10/24/2017 Date Data Arrived at EDR: 10/25/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 22

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2017 Date Data Arrived at EDR: 10/25/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 43

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/08/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2017 Date Data Arrived at EDR: 10/25/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 43

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/27/2017 Date Data Arrived at EDR: 12/13/2017 Date Made Active in Reports: 01/19/2018

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/11/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 01/02/2018 Date Data Arrived at EDR: 01/09/2018 Date Made Active in Reports: 01/19/2018

Number of Days to Update: 10

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 01/02/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 6

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018

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: 11/11/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 34

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/11/2017 Date Made Active in Reports: 07/27/2017

Number of Days to Update: 107

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 01/05/2018

Next Scheduled EDR Contact: 04/23/2018 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

acility.

Date of Government Version: 10/01/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 11/13/2017

Number of Days to Update: 12

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 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: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 06/19/2015 Date Made Active in Reports: 07/15/2015

Number of Days to Update: 26

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/16/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/13/2017 Date Made Active in Reports: 07/14/2017

Number of Days to Update: 92

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/11/2017

Next Scheduled EDR Contact: 03/26/2018 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: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

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: Wetland Inventory Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LOS ALAMITOS LOS ALAMITOS LOS ALAMITOS, CA 90720

TARGET PROPERTY COORDINATES

Latitude (North): 33.790258 - 33° 47' 24.93" Longitude (West): 118.053889 - 118° 3' 14.00"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 402432.8 UTM Y (Meters): 3739206.0

Elevation: 25 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5633745 LOS ALAMITOS, CA

Version Date: 2012

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 principal 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).

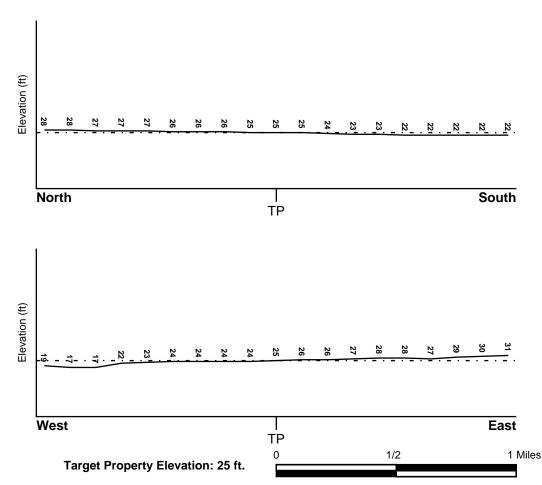
TOPOGRAPHIC INFORMATION

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 WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

06037C2000F FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

06037C1990F FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

LOS ALAMITOS 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 - 1 Mile North

Site Name: FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS

Site EPA ID Number: CAD008302002

Groundwater Flow Direction: S TO SW ON A REGIONAL BASIS. Inferred Depth to Water: 15 to 20 feet in the perched aquifer.

Hydraulic Connection: The shallow perched aquifer is underlain by the Artesia water table

aquifer at a depth of 40 to 100 feet. Lower aquifers are separated by

confining layers.

Sole Source Aquifer: No information about a sole source aquifer is available
Data Quality: Information is inferred 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.

LOCATION GENERAL DIRECTION
MAP ID FROM TP GROUNDWATER FLOW

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
13	1/2 - 1 Mile SSW	Varies

 13
 1/2 - 1 Mile SSW
 Varies

 1G
 1/2 - 1 Mile SSW
 Varies

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

GEOLOGIC AGE IDENTIFICATION

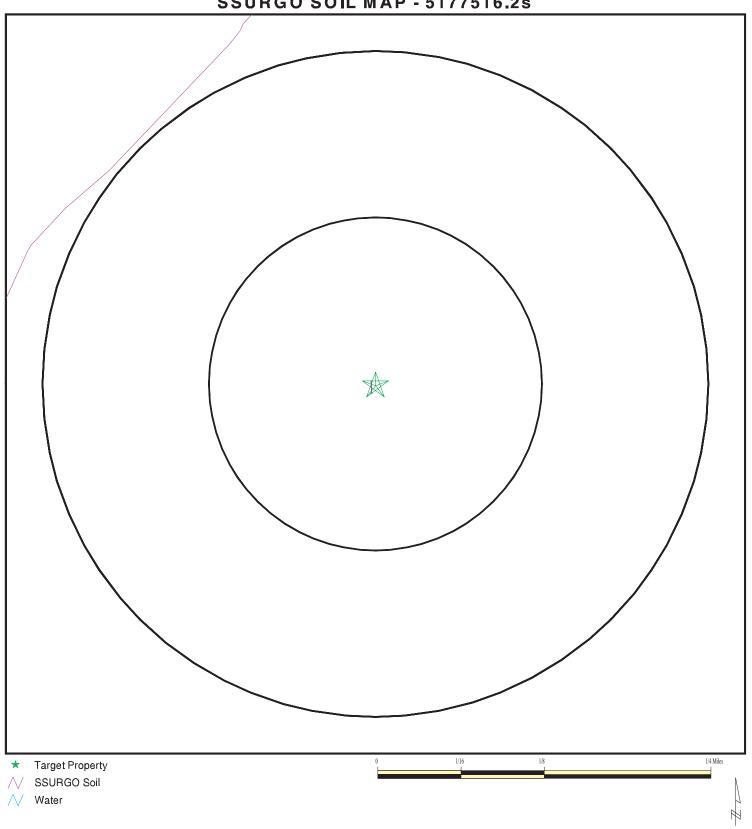
Era: Cenozoic Category: Stratifed Sequence

System: Quaternary Series: Quaternary

Code: Q (decoded above as Era, System & Series)

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).

SSURGO SOIL MAP - 5177516.2s



SITE NAME: Los Alamitos ADDRESS: Los Alamitos

Los Alamitos CA 90720 33.790258 / 118.053889 LAT/LONG:

CLIENT: AECOM
CONTACT: Jacquelyn Harrington
INQUIRY#: 5177516.2s
DATE: February 05, 2018 1:05 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: HUENEME

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ndary		(lassification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity	Soil Reaction (pH)
1	0 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	27 inches	59 inches	stratified sand to silt loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4

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

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

 MAP ID
 WELL ID
 FROM TP

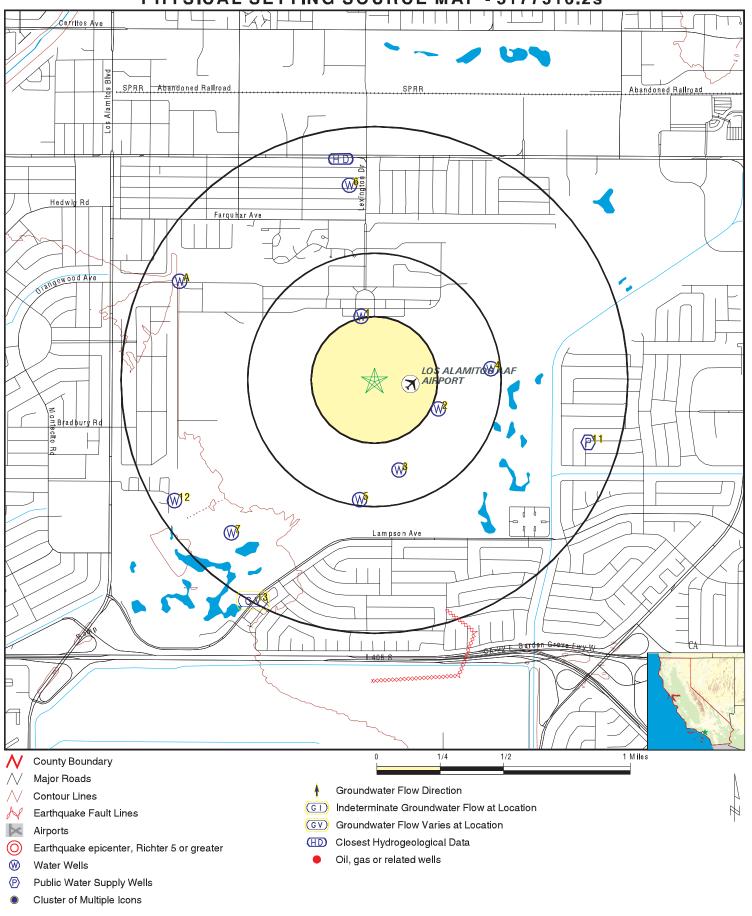
 11
 CA3900721
 1/2 - 1 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADW60000021616	1/4 - 1/2 Mile NNW
2	CADW60000021617	1/4 - 1/2 Mile ESE
3	CADW60000021621	1/4 - 1/2 Mile SSE
4	CADW60000000203	1/4 - 1/2 Mile East
5	CADW60000015293	1/4 - 1/2 Mile South
6	5267 —	1/2 1 Mile North
7	CADW60000021622	1/2 - 1 Mile SW
A8	CADW6000003015	1/2 - 1 Mile WNW
A9	CADW60000003495	1/2 - 1 Mile WNW
A10	CADW60000003496	1/2 - 1 Mile WNW
12	5273	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 5177516.2s



SITE NAME: Los Alamitos ADDRESS: Los Alamitos

Los Alamitos CA 90720 LAT/LONG: 33.790258 / 118.053889

CLIENT: AECOM CONTACT: Jacquelyn Harrington

INQUIRY #: 5177516.2s

February 05, 2018 1:05 pm DATE:

Map ID Direction Distance

Elevation Database **EDR ID Number**

NNW **CA WELLS** CADW60000021616

1/4 - 1/2 Mile Higher

> Objectid: 21616 Latitude: 33.7939 Longitude: -118.0548

337939N1180548W001 Site code: State well numbe: 04S11W29L003S

Local well name:

Well use id: 6

Unknown Well use descrip: County id: 30 County name: Orange Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000021616

ESE **CA WELLS** CADW60000021617

1/4 - 1/2 Mile Higher

> 21617 Objectid: Latitude: 33.7886 Longitude: -118.0495

337886N1180495W001 Site code: State well numbe: 04S11W29R001S

Local well name:

Well use id: 6

Well use descrip: Unknown County id: 30 County name: Orange Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

80238 Dwr region id:

Southern Region Office Dwr region: CADW60000021617 Site id:

SSE 1/4 - 1/2 Mile CADW60000021621 **CA WELLS**

Lower

Objectid: 21621 Latitude: 33.7851 Longitude: -118.0522

337851N1180522W001 Site code: State well numbe: 04S11W32G002S

Local well name: Well use id: 6 Well use descrip: Unknown County id: 30 County name: Orange

Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000021621

4 East CA WELLS CADW6000000203

1/4 - 1/2 Mile Higher

 Objectid:
 203

 Latitude:
 33.7909

 Longitude:
 -118.0459

Site code: 337909N1180459W001 State well numbe: 04S11W28N001S

Local well name: "
Well use id: 6

Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW6000000203

5 South CA WELLS CADW60000015293

South 1/4 - 1/2 Mile Lower

 Objectid:
 15293

 Latitude:
 33.7834

 Longitude:
 -118.0549

Site code: 337834N1180549W001 State well numbe: 04S11W32F000S

Local well name:

Well use id: 6

Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000015293

6
North
CA WELLS 5267
1/2 - 1 Mile
Higher

TC5177516.2s Page A-11

Water System Information:

Chemical:

Prime Station Code: 04S/11W-29C01 S User ID: TEE FRDS Number: 3010022007 County: Orange

WELL/AMBNT/MUN/INTAKE/SUPPLY District Number: 08 Station Type:

Water Type: Active Untreated Well/Groundwater Well Status: 100 Feet (one Second) Source Lat/Long: 334805.8 1180317.6 Precision:

Source Name: **HOWARD** System Number: 3010022

System Name: Southern Calif WC - West Orange

Organization That Operates System:

1920 W. CORPORATE WAY

ANAHEIM, CA 92801

Pop Served: 84737 Connections: 25347 Area Served: LOS ALAMITOS

Sample Collected: 09-JAN-13 Findings: 8.2

Chemical: PH, LABORATORY

Sample Collected: 160. MG/L 09-JAN-13 Findings: HARDNESS (TOTAL) AS CACO3 Chemical:

Findings: Sample Collected: 09-JAN-13 46. MG/L

Chemical: **CALCIUM** Sample Collected: 09-JAN-13 Findings: 11. MG/L Chemical: **MAGNESIUM**

Sample Collected: 270. MG/L 09-JAN-13 Findings:

TOTAL DISSOLVED SOLIDS

Sample Collected: 13-MAR-13 3. UNITS Findings: Chemical: **COLOR**

Sample Collected: 13-MAR-13 Findings: 462. US Chemical: SPECIFIC CONDUCTANCE

7.9

Sample Collected: 13-MAR-13 Findings: Chemical: PH, LABORATORY

Sample Collected: 13-MAR-13 Findings: 178. MG/L

Chemical: ALKALINITY (TOTAL) AS CACO3

Sample Collected: 13-MAR-13 Findings: 178. MG/L Chemical: **BICARBONATE ALKALINITY**

Sample Collected: 13-MAR-13 Findings: 165. MG/L

Chemical: HARDNESS (TOTAL) AS CACO3

Sample Collected: 13-MAR-13 48.1 MG/L Findings:

Chemical: **CALCIUM**

Sample Collected: 13-MAR-13 Findings: 11. MG/L

Chemical: MAGNESIUM

Sample Collected: 13-MAR-13 31.6 MG/L Findings: Chemical: **SODIUM**

Sample Collected: 13-MAR-13 Findings: 2.4 MG/L

Chemical: **POTASSIUM**

Sample Collected: 13-MAR-13 Findings: 15.5 MG/L Chemical: **CHLORIDE**

Sample Collected: Chemical:	13-MAR-13 SULFATE	Findings:	41.7 MG/L
Sample Collected: Chemical:	13-MAR-13 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	0.54 MG/L
Sample Collected: Chemical:	13-MAR-13 ARSENIC	Findings:	4.5 UG/L
Sample Collected: Chemical:	13-MAR-13 TOTAL DISSOLVED SOLIDS	Findings:	274. MG/L
Sample Collected: Chemical:	13-MAR-13 TURBIDITY, LABORATORY	Findings:	0.2 NTU
Sample Collected: Chemical:	19-MAR-14 GROSS ALPHA	Findings:	3.93 PCI/L
Sample Collected: Chemical:	19-MAR-14 GROSS ALPHA COUNTING ERROR	Findings:	1.62 PCI/L
Sample Collected: Chemical:	19-MAR-14 RADIUM 228 COUNTING ERROR	Findings:	0.52 PCI/L
Sample Collected: Chemical:	19-MAR-14 URANIUM (PCI/L)	Findings:	3.46 PCI/L
Sample Collected: Chemical:	19-MAR-14 URANIUM COUNTING ERROR	Findings:	1.14 PCI/L
Sample Collected: Chemical:	19-MAR-14 GROSS ALPHA MDA95	Findings:	1.11 PCI/L
Sample Collected: Chemical:	19-MAR-14 URANIUM MDA95	Findings:	0.3 PCI/L
Sample Collected: Chemical:	19-MAR-14 RADIUM 228 MDA95	Findings:	0.2 PCI/L
Sample Collected: Chemical:	19-MAR-14 RA-226 FOR CWS OR TOTAL RA FO	Findings: R NTNC BY 903.0	9.4e-002 PCI/L
Sample Collected: Chemical:	19-MAR-14 RA-226 OR TOTAL RA BY 903.0 C.E.	Findings:	0.138 PCI/L
Sample Collected: Chemical:	19-MAR-14 RADIUM, TOTAL, MDA95-NTNC ONL	Findings: Y, BY 903.0	0.418 PCI/L
Sample Collected: Chemical:	02-MAY-14 PH, LABORATORY	Findings:	7.93
Sample Collected: Chemical:	02-MAY-14 HARDNESS (TOTAL) AS CACO3	Findings:	160. MG/L
Sample Collected: Chemical:	02-MAY-14 CALCIUM	Findings:	47. MG/L
Sample Collected: Chemical:	02-MAY-14 MAGNESIUM	Findings:	11. MG/L
Sample Collected: Chemical:	02-MAY-14 TOTAL DISSOLVED SOLIDS	Findings:	270. MG/L
Sample Collected: Chemical:	12-FEB-15 PH, LABORATORY	Findings:	7.95

Sample Collected: Chemical:	12-FEB-15 HARDNESS (TOTAL) AS CACO3	Findings:	160. MG/L
Sample Collected: Chemical:	12-FEB-15 CALCIUM	Findings:	45. MG/L
Sample Collected: Chemical:	12-FEB-15 MAGNESIUM	Findings:	11. MG/L
Sample Collected: Chemical:	12-FEB-15 TOTAL DISSOLVED SOLIDS	Findings:	270. MG/L
Sample Collected: Chemical:	02-NOV-15 AMMONIA (NH3-N)	Findings:	0.2 MG/L
Sample Collected: Chemical:	07-DEC-15 AMMONIA (NH3-N)	Findings:	0.2 MG/L
Sample Collected: Chemical:	17-MAR-16 ODOR THRESHOLD @ 60 C	Findings:	2. TON
Sample Collected: Chemical:	17-MAR-16 SPECIFIC CONDUCTANCE	Findings:	469. US
Sample Collected: Chemical:	17-MAR-16 PH, LABORATORY	Findings:	7.5
Sample Collected: Chemical:	17-MAR-16 ALKALINITY (TOTAL) AS CACO3	Findings:	176. MG/L
Sample Collected: Chemical:	17-MAR-16 BICARBONATE ALKALINITY	Findings:	215. MG/L
Sample Collected: Chemical:	17-MAR-16 HARDNESS (TOTAL) AS CACO3	Findings:	176. MG/L
Sample Collected: Chemical:	17-MAR-16 CALCIUM	Findings:	51.3 MG/L
Sample Collected: Chemical:	17-MAR-16 MAGNESIUM	Findings:	11.6 MG/L
Sample Collected: Chemical:	17-MAR-16 SODIUM	Findings:	33.3 MG/L
Sample Collected: Chemical:	17-MAR-16 POTASSIUM	Findings:	2.4 MG/L
Sample Collected: Chemical:	17-MAR-16 CHLORIDE	Findings:	16.1 MG/L
Sample Collected: Chemical:	17-MAR-16 SULFATE	Findings:	42.5 MG/L
Sample Collected: Chemical:	17-MAR-16 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	0.59 MG/L
Sample Collected: Chemical:	17-MAR-16 ARSENIC	Findings:	3.8 UG/L
Sample Collected: Chemical:	17-MAR-16 IRON	Findings:	139. UG/L
Sample Collected: Chemical:	17-MAR-16 TOTAL DISSOLVED SOLIDS	Findings:	282. MG/L

Sample Collected: 0.3 NTU 17-MAR-16 Findings:

Chemical: TURBIDITY, LABORATORY

0.25 MG/L Sample Collected: 04-APR-16 Findings:

Chemical: AMMONIA (NH3-N)

CA WELLS CADW60000021622

1/2 - 1 Mile Lower

> Objectid: 21622 Latitude: 33.7815 Longitude: -118.0637

Site code: 337815N1180637W001 State well numbe: 04S11W32G003S

Local well name:

Well use id: 6

Well use descrip: Unknown County id: 30 County name: Orange Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000021622

WNW

1/2 - 1 Mile Lower

> Objectid: 3015 Latitude: 33.795906 Longitude: -118.067249

Site code: 337959N1180672W003

State well numbe: Not Reported 'LAM-1/MP6' Local well name: Well use id: Well use descrip: Observation 30

County id: County name: Orange Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Southern Region Office Dwr region: CADW60000003015 Site id:

A9 WNW **CA WELLS** CADW60000003495

1/2 - 1 Mile Lower

TC5177516.2s Page A-15

CA WELLS

CADW60000003015

 Objectid:
 3495

 Latitude:
 33.795906

 Longitude:
 -118.067249

 Site code:
 337959N1180672W001

 State well numbe:
 04S11W30H001S

 Local well name:
 'LAM-1/MP1'

Well use id:

Well use descrip: Observation

County id: 30
County name: Orange
Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000003495

A10
WNW
CA WELLS CADW60000003496
1/2 - 1 Mile

Lower

 Objectid:
 3496

 Latitude:
 33.795906

 Longitude:
 -118.067249

Site code: 337959N1180672W002

State well numbe: Not Reported Local well name: 'LAM-1/MP12'

Well use id: 1

Well use descrip: Observation

County id: 30 County name: Orange Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW6000003496

11 ESE FRDS PWS CA3900721

1/2 - 1 Mile Higher

Epa region: 09 State: CA

Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

City served: Not Reported State served: CA
Zip served: Not Reported Fips county: 06077
Status: Active Pop srvd: 110

Pwssvcconn:37Source:GroundwaterPws type:CWSOwner:Private

Contact: C/O CHILA PROPERTIES

Contactor gname: WOODBRIDGE MOBILE ESTATES

Contact phone: Not Reported Contact address1: 5392AMY AVE Contact address2: Not Reported Contact city: GARDEN GROVE

Contact state: CA Contact zip: 92845

Activity code: A

Location Information:

Name: WOODBRIDGE MOBILE ESTATES

Pwstypcd: CWS Primsrccd: GW

Popserved: 110

Add1: 5392AMY AVE Add2: Not Reported

City: GARDEN GROVE State: CA

Zip:92845Phone:Not ReportedCityserv:Not ReportedCntyserv:San JoaquinStateserv:CAZipserv:Not Reported

Enforcement Information:

Violation id: 95V0001 Orig cd: F

Enf fy: 2000 Enf act date: 04/04/2000 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 1100016 Orig cd: S

Enf fy: 2011 Enf act date: 07/01/2011 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 1100016 Orig cd: S

Enf fy: 2011 Enf act date: 07/01/2011 Enf act detail: St Violation/Reminder Notice Enf act cat: Informal

Enforcement Information:

Violation id: 1000014 Orig cd: S

Enf fy: 2010 Enf act date: 07/01/2010 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 0900015 Orig cd: S

Enf fy:2010Enf act date:08/01/2010Enf act detail:St Public Notif requestedEnf act cat:Informal

Enforcement Information:

Violation id: 0900015 Orig cd: S

Enf fy: 2010 Enf act date: 08/01/2010 Enf act detail: St Public Notif requested Enf act cat: Informal

Enforcement Information:

Violation id: 0900013 Orig cd: S

Enf fy: 2009 Enf act date: 07/01/2009 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 0700012 Orig cd: S

Enf fy:2007Enf act date:07/01/2007Enf act detail:St Compliance achievedEnf act cat:Resolving

Enforcement Information:

Violation id: 0500011 Orig cd: S

Enf fy: 2005 Enf act date: 07/01/2005 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 0500010 Orig cd: S

Enf fy: 2005 Enf act date: 12/01/2004 Enf act detail: St Public Notif requested Enf act cat: Informal

Enforcement Information:

Violation id: 0200009 Orig cd: S

Enf fy: 2002 Enf act date: 07/01/2002 Enf act detail: St Compliance achieved Enf act cat: Resolving

Enforcement Information:

Violation id: 0200008 Orig cd: S

Enf fy: 2002 Enf act date: 01/11/2002 Enf act detail: St Violation/Reminder Notice Enf act cat: Informal

Enforcement Information:

Violation id: 0200008 Orig cd: S

Enf fy:2002Enf act date:03/31/2002Enf act detail:St Compliance achievedEnf act cat:Resolving

Enforcement Information:

Violation id: 0200007 Orig cd: S

Enf fy: 2002 Enf act date: 01/11/2002 Enf act detail: St Violation/Reminder Notice Enf act cat: Informal

Enforcement Information:

Violation id: 0100006 Orig cd: S

Enf fy:2001Enf act date:07/01/2001Enf act detail:St Compliance achievedEnf act cat:Resolving

Enforcement Information:

Violation id: 0100005 Orig cd: S

Enf fy:2001Enf act date:05/01/2001Enf act detail:St Public Notif requestedEnf act cat:Informal

Enforcement Information:

Violation id: 0000004 Orig cd: S

Enf fy: 2000 Enf act date: 09/01/2000 Enf act detail: St Public Notif requested Enf act cat: Informal

Enforcement Information:

Violation id: 0000003 Orig cd: S

Enf fy: 2000 Enf act date: 08/01/2000 Enf act detail: St Public Notif requested Enf act cat: Informal

Enforcement Information:

Violation id: 0000002 Orig cd: S

Enf fy: 2000 Enf act date: 03/01/2000 Enf act detail: St Public Notif requested Enf act cat: Informal

Enforcement Information:

Violation id: 0000002 Orig cd: S

Enf fy: 2000 Enf act date: 02/10/2000 Enf act detail: St Public Notif received Enf act cat: Informal

Enforcement Information:

Violation id: 0000001 Orig cd: S

Enf fy: 2000 Enf act date: 02/10/2000 Enf act detail: St Public Notif received Enf act cat: Informal

Violations Information:

 Violation id:
 95V0001
 Orig cd:
 F

 State:
 CA
 Viol fy:
 1993

Contamcd: 5000

Contamnm: Lead and Copper Rule

Viol code: 51

Viol name: Initial Tap Sampling for Pb and Cu

Rule code: 350 Rule name: LCR

Violmeasur:0Unitmeasur:Not ReportedState mcl:0Cmpbdt:07/01/1993

Cmpedt: 04/04/2000

Violations Information:

 Violation id:
 1100016
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2011

Contamcd: 7000

Contamnm: Consumer Confidence Rule

Viol code: 71

Viol name: CCR Complete Failure to Report

Rule code: 420 Rule name: CCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2011

Cmpedt: Not Reported

Violations Information:

 Violation id:
 1000014
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2009

Contamcd: 7000

Contamnm: Consumer Confidence Rule

Viol code: 7

Viol name: CCR Complete Failure to Report

Rule code: 420 Rule name: CCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2009

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0900015
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2010

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 22

Viol name: MCL, Monthly (TCR)

Rule code: 110 Rule name: TCR

Violmeasur: Not Reported Unitmeasur: Not Reported

State mcl: Not Reported Cmpbdt: 08/01/2010

Cmpedt: 08/31/2010

Violations Information:

 Violation id:
 0900013
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2008

Contamcd: 7000

Contamnm: Consumer Confidence Rule

Viol code: 71

Viol name: CCR Complete Failure to Report

Rule code: 420

Rule name: CCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2008

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0700012
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2006

Contamcd: 7000

Contamnm: Consumer Confidence Rule

Viol code: 71

Viol name: CCR Complete Failure to Report

Rule code: 420 Rule name: CCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2006

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0500011
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2005

Contamcd: 7000

Contamnm: Consumer Confidence Rule

Viol code: 71

Viol name: CCR Complete Failure to Report

Rule code: 420 Rule name: CCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2005

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0500010
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2004

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 22

Viol name: MCL, Monthly (TCR)

Rule code: 110 Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:12/01/2004

Cmpedt: 12/31/2004

Violations Information:

 Violation id:
 0200009
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2002

Contamcd: 7000

Consumer Confidence Rule

Viol code: 71

Viol name: CCR Complete Failure to Report

Rule code: 420 Rule name: CCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2002

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0200008
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2000

Contamcd: 5000

Contamnm: Lead and Copper Rule

Viol code: 51

Viol name: Initial Tap Sampling for Pb and Cu

Rule code: 350 Rule name: LCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:04/01/2000

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0200007
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2000

Contamcd: 5000

Contamnm: Lead and Copper Rule

Viol code: 51

Viol name: Initial Tap Sampling for Pb and Cu

Rule code: 350 Rule name: LCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:04/01/2000

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0200006
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2001

Contamcd: 7000

Contamnm: Consumer Confidence Rule

Viol code: 71

Viol name: CCR Complete Failure to Report

Rule code: 420 Rule name: CCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:07/01/2001

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0100006
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2001

Contamcd: 7000

Consumer Confidence Rule

Viol code: 71

Viol name: CCR Complete Failure to Report

Rule code: 420 Rule name: CCR

Violmeasur: Not Reported Unitmeasur: Not Reported

State mcl: Not Reported Cmpbdt: 07/01/2001

Cmpedt: Not Reported

Violations Information:

 Violation id:
 0100005
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2001

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 22

Viol name: MCL, Monthly (TCR)

Rule code: 110

Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:05/01/2001

Cmpedt: 05/31/2001

Violations Information:

 Violation id:
 0000004
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2000

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 23

Viol name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:09/01/2000

Cmpedt: 09/30/2000

Violations Information:

 Violation id:
 0000003
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2000

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 22

Viol name: MCL, Monthly (TCR)

Rule code: 110

Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:08/01/2000

Cmpedt: 08/31/2000

Violations Information:

 Violation id:
 0000002
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2000

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 22

Viol name: MCL, Monthly (TCR)

Rule code: 110 Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:03/01/2000

Cmpedt: 03/31/2000

Violations Information:

 Violation id:
 0000001
 Orig cd:
 S

 State:
 CA
 Viol fy:
 2000

Contamcd: 3100

Contamnm: Coliform (TCR)

Viol code: 21

Viol name: MCL, Acute (TCR)

Rule code: 110 Rule name: TCR

Violmeasur:Not ReportedUnitmeasur:Not ReportedState mcl:Not ReportedCmpbdt:02/01/2000

Cmpedt: 02/29/2000

PWS ID: CA3900721

Date Initiated: Not Reported Date Deactivated: Not Reported

PWS Name: WOODBRIDGE MOBILE ESTATES

GARDEN GROVE, CA 92645

Addressee / Facility: System Owner/Responsible Party

CHILA PROPERTIES CORP

5392 AMY AVENUE

GARDEN GROVE, CA 92645

Facility Latitude: 33 47 12 Facility Longitude: 118 02 18

City Served: Not Reported

Treatment Class: Untreated Population: 110

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID: 9300001 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 07/15/93 Vio. end Date: 07/31/93 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)

Vio. Awareness Date: 083093

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0000001 Contaminant: COLIFORM (TCR)

Viol. Type: MCL, Acute (TCR)
Complperbe: 2/1/2000 0:00:00

Compleren: 2/29/2000 0:00:00 Enfdate: 2/10/2000 0:00:00

Enf action: State Public Notif Received

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0000002 Contaminant: COLIFORM (TCR)

Viol. Type: MCL, Monthly (TCR)
Complperbe: 3/1/2000 0:00:00

Complperen: 3/31/2000 0:00:00 Enfdate: 2/10/2000 0:00:00

Enf action: State Public Notif Received

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0000002 Contaminant: COLIFORM (TCR)

Viol. Type: MCL, Monthly (TCR)
Complperbe: 3/1/2000 0:00:00

Compleren: 3/31/2000 0:00:00 Enfdate: 3/1/2000 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0000003 Contaminant: COLIFORM (TCR)

 Viol. Type:
 MCL, Monthly (TCR)

 Complete:
 8/1/2000 0:00:00

Compleren: 8/31/2000 0:00:00 Enfdate: 8/1/2000 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0000004 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Major (TCR)

Complperbe: 9/1/2000 0:00:00

Complperen: 9/30/2000 0:00:00 Enfdate: 9/1/2000 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0100005 Contaminant: COLIFORM (TCR)

Viol. Type: MCL, Monthly (TCR)
Complperbe: 5/1/2001 0:00:00

Compleren: 5/31/2001 0:00:00 Enfdate: 5/1/2001 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C Vioid: 0100006 Contaminant: 7000

Viol. Type: CCR Complete Failure to Report

Complperbe: 7/1/2001 0:00:00

Complperen: 7/1/2001 0:00:00 Enfdate: 7/1/2001 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0200008 Contaminant: LEAD & COPPER RULE

Viol. Type: Initial Tap Sampling for Pb and Cu

Complerbe: 4/1/2000 0:00:00

Complperen: 3/31/2002 0:00:00 Enfdate: 1/11/2002 0:00:00

Enf action: State Violation/Reminder Notice

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0200008 Contaminant: LEAD & COPPER RULE

Viol. Type: Initial Tap Sampling for Pb and Cu

Complperbe: 4/1/2000 0:00:00

Compleren: 3/31/2002 0:00:00 Enfdate: 3/31/2002 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C Vioid: 0200009 Contaminant: 7000

Viol. Type: CCR Complete Failure to Report

Complperbe: 7/1/2002 0:00:00

Complperen: 7/1/2002 0:00:00 Enfdate: 7/1/2002 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 0500010 Contaminant: COLIFORM (TCR)

Viol. Type: MCL, Monthly (TCR)
Complperbe: 12/1/2004 0:00:00

Compleren: 12/31/2004 0:00:00 Enfdate: 12/1/2004 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C Vioid: 0500011 Contaminant: 7000

Viol. Type: CCR Complete Failure to Report

Complperbe: 7/1/2005 0:00:00

Compleren: 7/1/2005 0:00:00 Enfdate: 7/1/2005 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3900721

Pwsname: WOODBRIDGE MOBILE ESTATES

Retpopsrvd: 110 Pwstypecod: C

Vioid: 95V0001 Contaminant: LEAD & COPPER RULE

Viol. Type: Initial Tap Sampling for Pb and Cu

Complerbe: 7/1/1993 0:00:00

Complperen: 4/4/2000 0:00:00 Enfdate: 4/4/2000 0:00:00

Enf action: State Compliance Achieved

Violmeasur: 0

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Acute (TCR)
Contaminant: COLIFORM (TCR)

Compliance Period: 2/1/2000 0:00:00 - 2/28/2000 0:00:00

Violation ID: 0000001

Enforcement Date: 2/10/2000 0:00:00 Enf. Action: State Violation/Reminder Notice

ENFORCEMENT INFORMATION:

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Acute (TCR) COLIFORM (TCR) Contaminant: Compliance Period: 02/01/00 - 02/28/00

Violation ID: 0000001

Enforcement Date: 02/10/00 Enf. Action: State Violation/Reminder Notice

WOODBRIDGE MOBILE ESTATES System Name:

Violation Type: MCL, Monthly (TCR) COLIFORM (TCR) Contaminant:

Compliance Period: 3/1/2000 0:00:00 - 3/31/2000 0:00:00

Violation ID: 0000002

State Public Notif Received **Enforcement Date:** 3/1/2000 0:00:00 Enf. Action:

WOODBRIDGE MOBILE ESTATES System Name:

Violation Type: MCL, Monthly (TCR) Contaminant: COLIFORM (TCR)

Compliance Period: 3/1/2000 0:00:00 - 3/31/2000 0:00:00

Violation ID: 0000002

2/10/2000 0:00:00 Enf. Action: State Violation/Reminder Notice **Enforcement Date:**

WOODBRIDGE MOBILE ESTATES System Name:

MCL, Monthly (TCR) Violation Type: Contaminant: COLIFORM (TCR) 03/01/00 - 03/31/00 Compliance Period:

Violation ID: 0000002 02/10/00

Enforcement Date: Enf. Action: State Violation/Reminder Notice

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Monthly (TCR) Contaminant: COLIFORM (TCR) Compliance Period: 03/01/00 - 03/31/00

0000002 Violation ID: 03/01/00

Enforcement Date: Enf. Action: State Public Notif Received

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Monthly (TCR) Contaminant: COLIFORM (TCR) 08/01/00 - 08/31/00 Compliance Period:

0000003 Violation ID: **Enforcement Date:** 08/01/00

Enf. Action: State Public Notif Requested

WOODBRIDGE MOBILE ESTATES System Name:

Violation Type: MCL, Monthly (TCR) Contaminant: COLIFORM (TCR)

Compliance Period: 8/1/2000 0:00:00 - 8/31/2000 0:00:00

Violation ID: 0000003

Enforcement Date: 8/1/2000 0:00:00 Enf. Action: State Public Notif Requested

WOODBRIDGE MOBILE ESTATES System Name: Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR) Compliance Period: 09/01/00 - 09/30/00

0000004 Violation ID:

Enforcement Date: 09/01/00 Enf. Action: State Public Notif Requested

System Name: WOODBRIDGE MOBILE ESTATES Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 9/1/2000 0:00:00 - 9/30/2000 0:00:00

Violation ID: 0000004

Enforcement Date: 9/1/2000 0:00:00 Enf. Action: State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)

Compliance Period: 5/1/2001 0:00:00 - 5/31/2001 0:00:00

Violation ID: 0100005

Enforcement Date: 5/1/2001 0:00:00 Enf. Action: State Public Notif Requested

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 05/01/01 - 05/31/01

Violation ID: 0100005

Enforcement Date: 05/01/01 Enf. Action: State Public Notif Requested

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 7/1/2001 0:00:00 - 12/31/2025 0:00:00

Violation ID: 0100006

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: WOODBRIDGE MOBILE ESTATES Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 7/1/2001 0:00:00 - 12/31/2025 0:00:00

Violation ID: 0100006

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE

Compliance Period: 4/1/2000 0:00:00 - 12/31/2025 0:00:00

Violation ID: 0200007

Enforcement Date: 1/11/2002 0:00:00 Enf. Action: State Public Notif Requested

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE Compliance Period: 04/01/00 - 12/31/25

Violation ID: 0200007

Enforcement Date: 01/11/02 Enf. Action: State Public Notif Requested

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 7/1/2002 0:00:00 - 12/31/2025 0:00:00

Violation ID: 0200009

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 7/1/2002 0:00:00 - 12/31/2025 0:00:00

Violation ID: 0200009

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 12/01/04 - 12/31/04

Violation ID: 0500010

Enforcement Date: 12/01/04 Enf. Action: State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name: WOODBRIDGE MOBILE ESTATES

Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)

Compliance Period: 12/1/2004 0:00:00 - 12/31/2004 0:00:00

Violation ID: 0500010

Enforcement Date: 12/1/2004 0:00:00 Enf. Action: State Public Notif Requested

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 07/01/05 - 07/01/05

Violation ID: 0500011

Enforcement Date: 07/01/05 Enf. Action: State Compliance Achieved

System Name: WOODBRIDGE MOBILE ESTATES Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 7/1/2005 0:00:00 - 12/31/2025 0:00:00

Violation ID: 0500011

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE Compliance Period: 1993-07-01 - 2000-04-04

Violation ID: 95V0001 Enforcement Date: 2000-04-04

Enforcement Date: 2000-04-04 Enf. Action: State Compliance Achieved

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE Compliance Period: 1993-07-01 - 2000-04-04

Violation ID: 95V0001 Enforcement Date: 2000-04-04

Enforcement Date: 2000-04-04 Enf. Action: State Compliance Achieved

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE Compliance Period: 07/01/93 - 04/04/00

Violation ID: 95V0001 Enforcement Date: 04/04/00

Enforcement Date: 04/04/00 Enf. Action: State Compliance Achieved

Enf. Action:

Not Reported

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE

Compliance Period: LEAD & COPPER ROLE 1993-07-01 - 2015-12-31

Violation ID: 95V0001 Enforcement Date: Not Reported

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE

Compliance Period: 7/1/1993 0:00:00 - 4/4/2000 0:00:00

Violation ID: 95V0001

Enforcement Date: 4/4/2000 0:00:00 Enf. Action: State Compliance Achieved

System Name: WOODBRIDGE MOBILE ESTATES Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 1999-10-19 - 2015-12-31

Violation ID: 99V0001

Enforcement Date: 2000-04-04 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 1999-10-19 - 2015-12-31

Violation ID: 99V0001

Enforcement Date: 2000-04-04 Enf. Action: State Compliance Achieved

System Name: WOODBRIDGE MOBILE ESTATES Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 10/19/1999 0:00:00 - 12/31/2025 0:00:00

Violation ID: 99V0001

Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: WOODBRIDGE MOBILE ESTATES Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 10/19/1999 0:00:00 - 12/31/2025 0:00:00

Violation ID: 99V0001

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 1999-10-19 - 2015-12-31

Violation ID: 99V0001

Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: WOODBRIDGE MOBILE ESTATES
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 1999-10-19 - 2015-12-31

Violation ID: 99V0001

Enforcement Date: Not Reported Enf. Action: Not Reported

CONTACT INFORMATION:

Name: WOODBRIDGE MOBILE ESTATES Population: 110

Contact: C/O CHILA PROPERTIES Phone: Not Reported

Address: 5392AMY AVE Address 2: GARDEN GROVE

CA, 92

12 WSW CA WELLS 5273

1/2 - 1 Mile Lower

Water System Information:

Prime Station Code: 04S/11W-31F05 S User ID: TEE FRDS Number: 3010022009 County: Orange

District Number: 08 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY

Water Type: Well/Groundwater Well Status: Inactive Untreated Source Lat/Long: 334700.0 1180400.0 Precision: Undefined

Source Name: MONTECITO - INACTIVE

System Number: 3010022

System Name: Southern Calif WC - West Orange

Organization That Operates System:

1920 W. CORPORATE WAY

ANAHEIM, CA 92801

Pop Served: 84737 25347 Connections:

Area Served: LOS ALAMITOS

Site ID: 083001080T

13 SSW 1/2 - 1 Mile Groundwater Flow: Varies Shallow Water Depth: 4 Lower

Deep Water Depth: 11 Average Water Depth: Not Reported 04/16/1995 Date:

Site ID: 083001080T **AQUIFLOW** 52036

1G SSW 1/2 - 1 Mile Groundwater Flow: Varies Shallow Water Depth: 4 Lower Deep Water Depth: 11

Not Reported Average Water Depth: 04/16/1995 Date:

AQUIFLOW

52036

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90720	34	0

Federal EPA Radon Zone for ORANGE County: 3

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 ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.763 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% 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: Wetland Inventory Source: Department of Fish & Game

Telephone: 916-445-0411

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

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Los Alamitos Los Alamitos, CA 90720

Inquiry Number: 5177516.3

February 05, 2018

Certified Sanborn® Map Report



Certified Sanborn® Map Report

02/05/18

Site Name: Client Name:

Los Alamitos AECOM

Los Alamitos 12120 Shamrock Plaza Los Alamitos, CA 90720 Omaha, NE 68154

EDR Inquiry # 5177516.3 Contact: Jacquelyn Harrington



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 # E3C9-407C-AC89 **PO #** 0005-CA-PA-CA

Proiect 60552172

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 #: E3C9-407C-AC89

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.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EDR 5177572

Los Alamitos

Los Alamitos, CA 90720

Inquiry Number: 5177572.5

February 06, 2018

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

02/06/18

Site Name: Client Name:

Los Alamitos AECOM

Los Alamitos 12120 Shamrock Plaza Los Alamitos, CA 90720 Omaha, NE 68154

EDR Inquiry # 5177572.5 Contact: Jacquelyn Harrington



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:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 11, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 22, 1989	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: November 18, 1952	USDA
1947	1"=500'	Flight Date: June 17, 1947	USGS
1938	1"=500'	Flight Date: June 21, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	USGS

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.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.





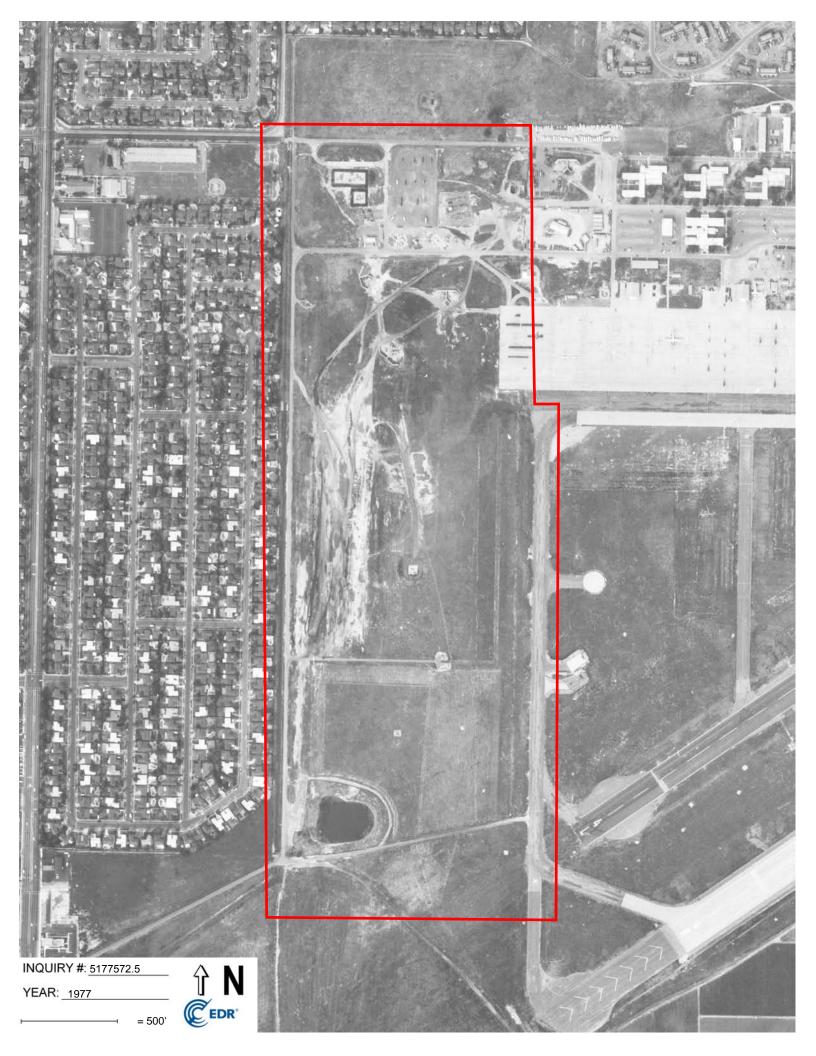


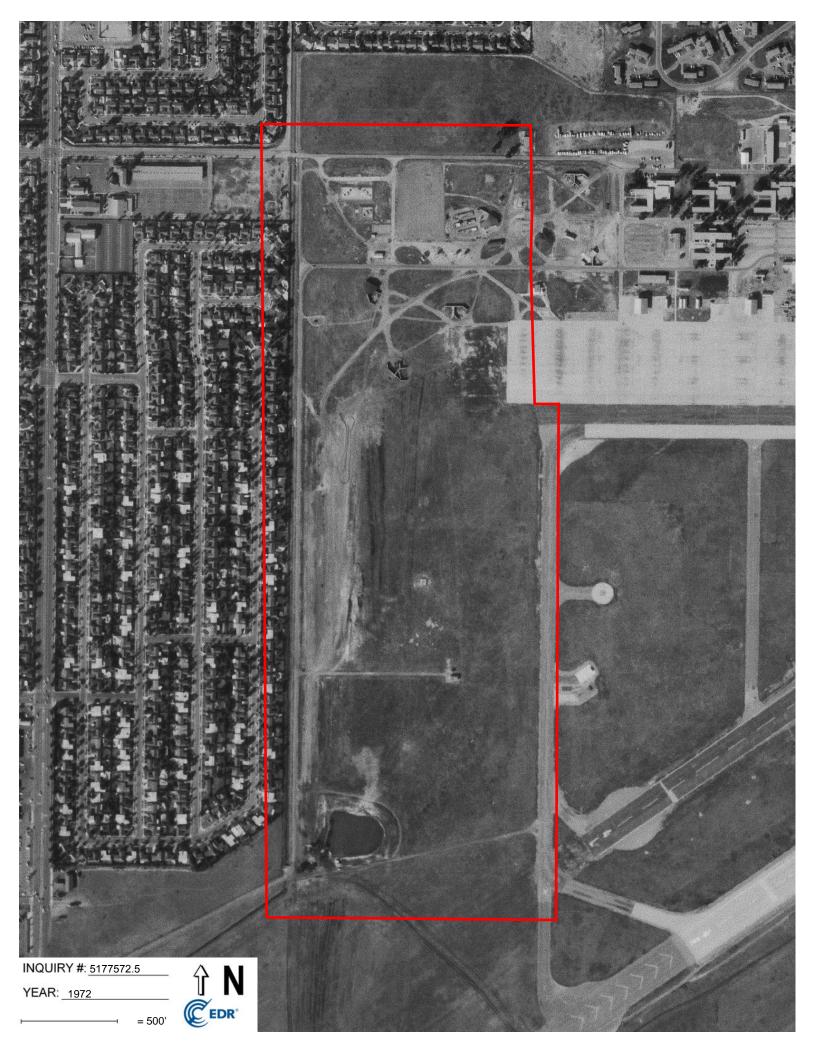


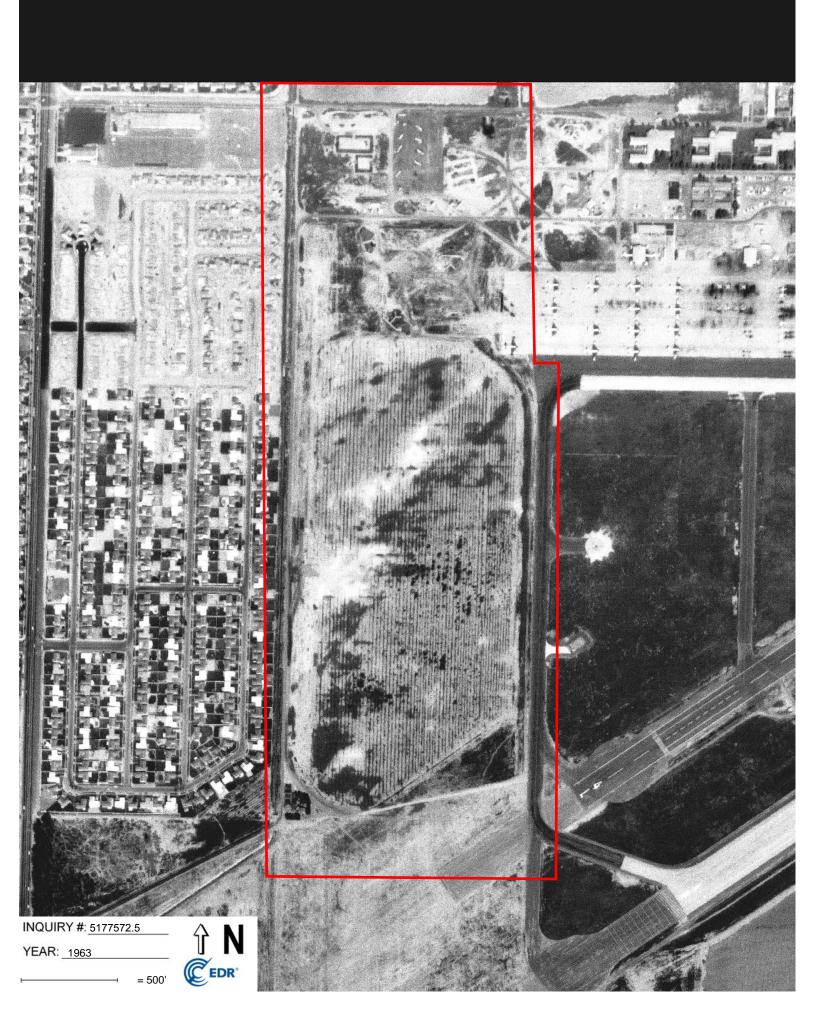


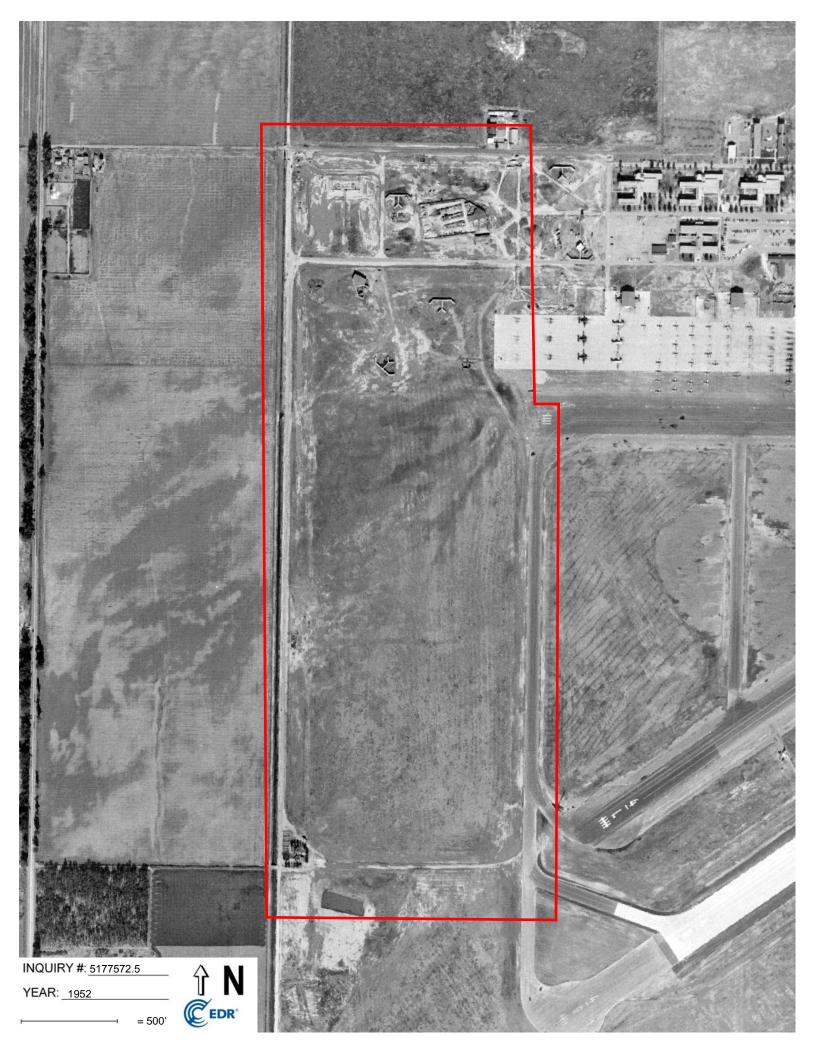


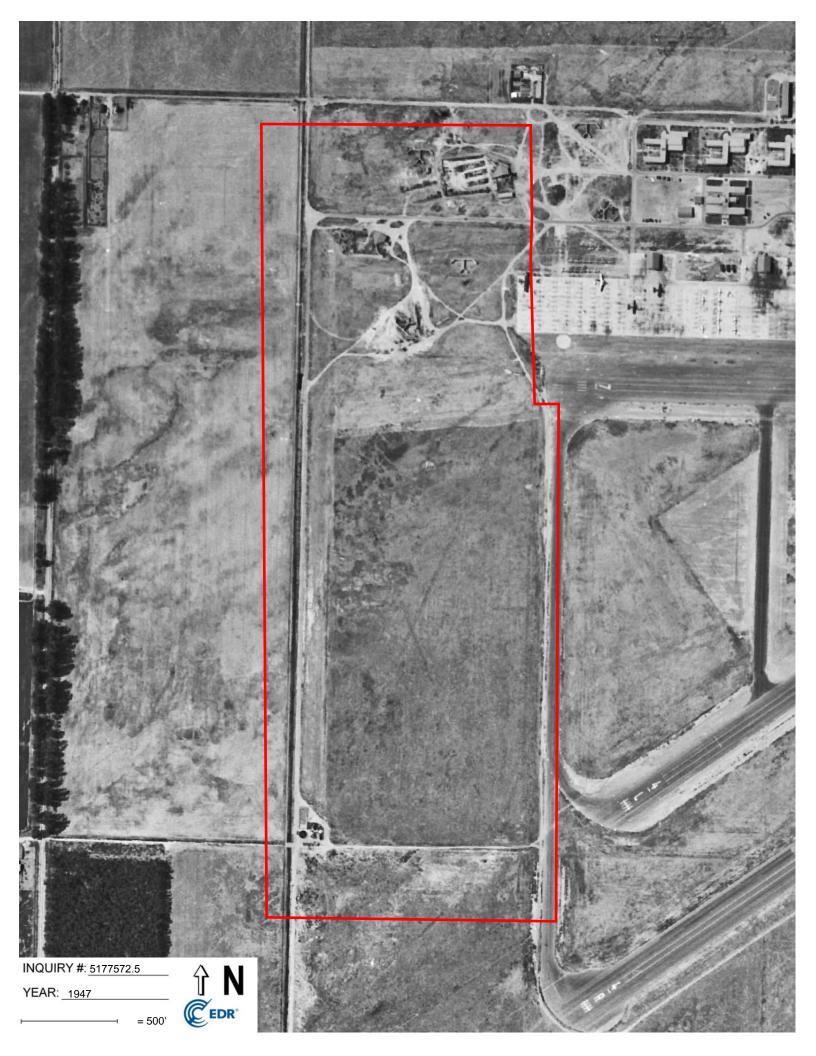


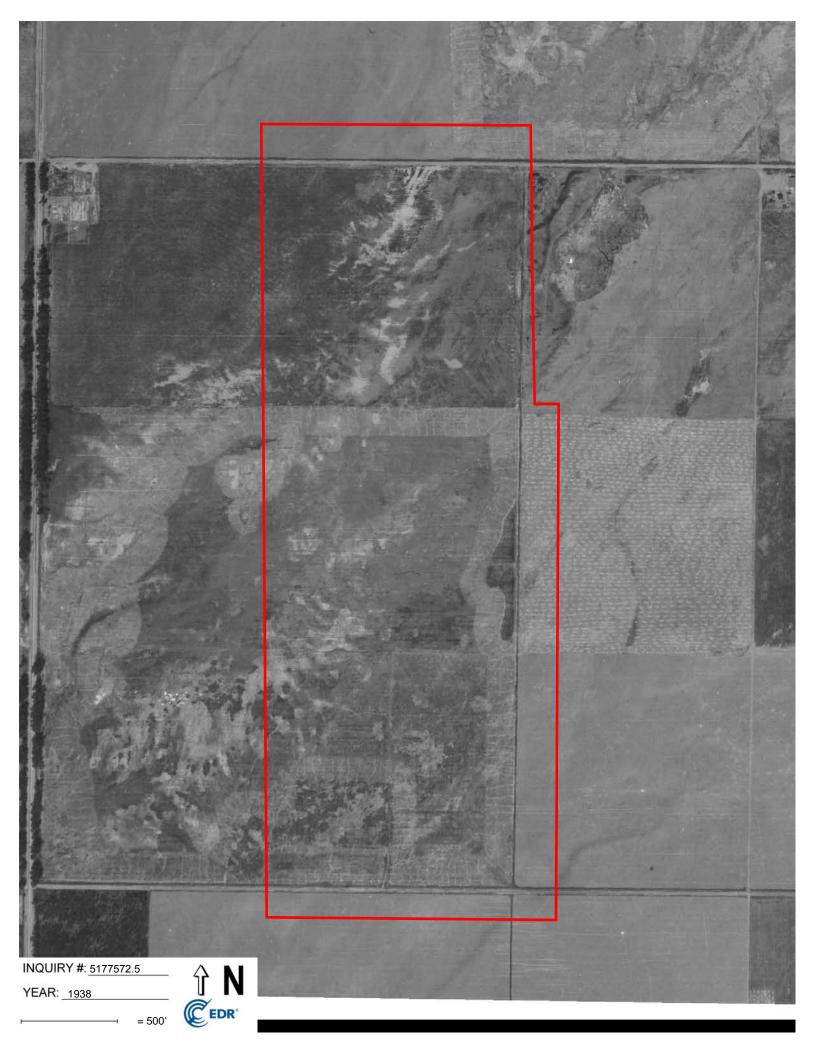


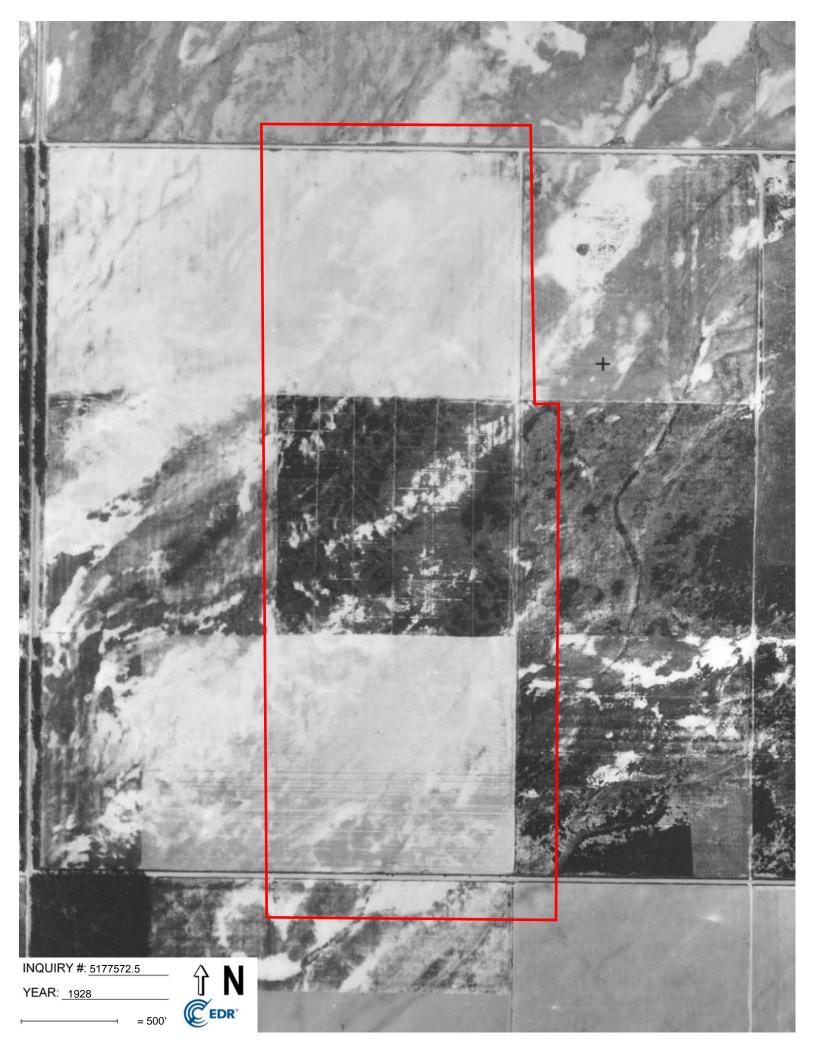












Los Alamitos

Los Alamitos Los Alamitos, CA 90720

Inquiry Number: 5177572.2s

February 05, 2018

The EDR Radius Map™ Report with GeoCheck®



TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map.	2
Detail Map.	3
Map Findings Summary	4
Map Findings.	8
Orphan Summary.	
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	·
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-8
Physical Setting Source Map Findings.	A-10
Physical Setting Source Records Searched	PSGR-

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

LOS ALAMITOS LOS ALAMITOS, CA 90720

COORDINATES

Latitude (North): 33.7885240 - 33° 47' 18.68" Longitude (West): 118.0657430 - 118° 3' 56.67"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 401333.3 UTM Y (Meters): 3739025.0

Elevation: 22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5633745 LOS ALAMITOS, CA

Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: LOS ALAMITOS LOS ALAMITOS, CA 90720

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	SEAL BEACH NAVAL WEA		DOD	Same	4365, 0.827, South
Reg	LOS ALAMITOS ARMED F		DOD	Same	1 ft.
A1	JOINT FORCES TRAININ	BLDG 158 DOOLITE AVE	LUST	Higher	30, 0.006, NNE
A2	JOINT FORCES TRAININ	FORMER JP-4 FUEL FAR	LUST	Higher	30, 0.006, NNE
A3	JOINT FORCES TRAININ	BLDG 2 DOOLITLE AVE.	LUST	Higher	30, 0.006, NNE
A4	LOS ALAMITOS JFTB	LEXINGTON AVE	RCRA-LQG, HIST UST	Higher	30, 0.006, NNE
A5	ARMY AIR FORCE EXCHA	BLDG 57	SWEEPS UST	Higher	30, 0.006, NNE
B6	TARGET STORE T1328	12300 SEAL BEACH BLV	RCRA-SQG	Lower	621, 0.118, SSW
B7	TARGET #1328	12300 SEAL BEACH BLV	RCRA-LQG	Lower	621, 0.118, SSW
B8	CVS PHARMACY #16669	12300 SEAL BEACH BLV	RCRA-CESQG, FINDS, ECHO	Lower	746, 0.141, SSW
C9	EDWARD N DIXON	12240 SEAL BEACH BLV	HIST UST	Lower	1197, 0.227, SW
C10	SEAL BEACH MOBIL	12240 SEAL BEACH BLV	UST, SWEEPS UST	Lower	1197, 0.227, SW
C11	EXXONMOBIL OIL CORP.	12240 SEAL BEACH BLV	RCRA-LQG	Lower	1197, 0.227, SW
C12	ED DIXON ENT INC	12240 SEAL BEACH	RCRA-SQG, FINDS, ECHO	Lower	1197, 0.227, SW
C13	MOBIL OIL	12240 SEAL BEACH	LUST	Lower	1197, 0.227, SW
C14	MOBIL #18-GQT	12240 SEAL BEACH	LUST, HIST CORTESE	Lower	1197, 0.227, SW
C15	MOBIL OIL	12240 W SEAL BEACH B	LUST	Lower	1233, 0.234, WSW
16	AGROMIN LOS ALAMITOS	4216 CONSTITUTION AV	SWF/LF	Higher	1402, 0.266, NE
D17	TOSCO CORPORATION ST	12071 SEAL BEACH BLV	LUST, HAZNET	Lower	1407, 0.266, WSW
D18	CHEVRON	12541 SEAL BEACH	LUST, SWEEPS UST, HIST CORTESE	Lower	1407, 0.266, WSW
D19	ROSSMOOR CLEANERS	12441 SEAL BEACH BLV	RCRA-SQG, SLIC, Orange Co. Industrial Site, FINDS,	Lower	1407, 0.266, WSW
D20	ROSSMOOR CLEANERS	12441 SEAL BEACH BLV	SLIC	Lower	1407, 0.266, WSW
D21	GOODYEAR (FORMER) WA	12239 SEAL BEACH BOU	SLIC	Lower	1407, 0.266, WSW
D22	UNOCAL #4686 (AKA TO	12071 SEAL BEACH	LUST, Orange Co. Industrial Site, HIST CORTESE	Lower	1407, 0.266, WSW
23	REPLANET LLC	12470 SEAL BEACH BLV	SWRCY	Lower	1476, 0.280, SW
24	TEXACO	11250 LOS ALAMITOS	LUST, SWEEPS UST, HIST UST, CA FID UST, HIST	Higher	1578, 0.299, NNW
E25	EXXON #7-1433	11171 LOS ALAMITOS B	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Higher	1951, 0.370, NNW
26	JOINT FORCES TRAININ	BDLG 27 BUNKER HILL	LUST	Higher	1965, 0.372, NE
27	ORANGE COUNTY FIRE S	3642 GREEN AVE	LUST, HIST CORTESE	Higher	2071, 0.392, NNW
E28	BEST CLEANERS	11139 LOS ALAMITOS B	SLIC, Orange Co. Industrial Site, DRYCLEANERS, EMI	Higher	2187, 0.414, NNW
E29	BEST CLEANERS	11139 LOS ALAMITOS B	SLIC	Higher	2187, 0.414, NNW
F30	TALIN TIRE	11121 LOS ALAMITOS	LUST, HIST CORTESE	Higher	2248, 0.426, NNW
F31	TALIN TIRE INC	11121 LOS ALAMITOS B	LUST, UST	Higher	2248, 0.426, NNW
32	LOS ALAMITOS MERCURY	3772 KATELLA BLVD.	SEMS	Higher	2484, 0.470, North
33	JOINT FORCES TRAININ	LEXINGTON & FARQUHAR	RESPONSE, ENVIROSTOR, LUST	Higher	2809, 0.532, NE
G34	NAS LOS ALAMITOS		ENVIROSTOR	Higher	2936, 0.556, ENE
G35	LOS ALAMITOS RAD BOM		ENVIROSTOR	Higher	2936, 0.556, ENE
H36	SAFETY - KLEEN CORP	3876 FLORISTA ST	ENVIROSTOR, UST, VCP, SWEEPS UST, Financial	Higher	2942, 0.557, North
H37	SAFETY KLEEN CORP 7	3876 FLORISTA ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQC	G, Higher	2942, 0.557, North

MAPPED SITES SUMMARY

Target Property Address: LOS ALAMITOS LOS ALAMITOS, CA 90720

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION (
38	GRANADA CLEANERS	3391 KATELLA AVENUE	ENVIROSTOR, VCP	Higher	3101, 0.587, NNW
39	LOS ALAMITOS ELEMENT	10862 BLOOMFIELD STR	ENVIROSTOR, SCH	Higher	3243, 0.614, North
140	ARROWHEAD PRODUCTS	4411 KATELLA AVENUE	ENVIROSTOR	Higher	4031, 0.763, NNE
I41	FEDERAL MOGUL CORP -	4411 KATELLA AVENUE	ENVIROSTOR, EMI, HAZNET	Higher	4031, 0.763, NNE

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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	
	Proposed National Priority List Sites
NPL LIENS	Federal Superiund Liens
Federal Delisted NPL site lis	t
Delisted NPL	National Priority List Deletions
	·
Federal CERCLIS list	
FEDERAL FACILITY	Federal Facility Site Information listing
Federal CERCLIS NFRAP sit	e list
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
	770 TOD 6 11111 11 1
Federal RCRA non-CORRAC	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Fodoral institutional control	s / engineering controls registries
	Land Use Control Information System Engineering Controls Sites List
	Sites with Institutional Controls
Federal ERNS list	
ERNS	Emergency Response Notification System
State and tribal leaking store	age tank lists
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
State and tribal registered s	_
FEMA UST	Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities INDIAN UST...... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI_____ Report on the Status of Open Dumps on Indian Lands

ODI...... Open Dump Inventory

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations IHS OPEN DUMPS...... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites Database

SCH...... School Property Evaluation Program

CDL..... Clandestine Drug Labs Toxic Pits...... Toxic Pits Cleanup Act Sites

US CDL_____ National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing LIENS 2..... CERCLA Lien Information DEED...... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System CHMIRS..... California Hazardous Material Incident Report System

LDS_____Land Disposal Sites Listing MCS..... Military Cleanup Sites Listing Orange Co. Industrial Site____ List of Industrial Site Cleanups SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR........ RCRA - Non Generators / No Longer Regulated

FUDS..... Formerly Used 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

PRP..... Potentially Responsible Parties PADS..... PCB Activity Database System

ICIS______Integrated Compliance Information System

Act)/TSCA (Toxic Substances Control Act)

..... 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

FINDS......Facility Index System/Facility Registry System

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing ECHO_____ Enforcement & Compliance History Information

FUELS PROGRAM..... EPA Fuels Program Registered Listing

CA BOND EXP. PLAN..... Bond Expenditure Plan

CUPA Listings..... CUPA Resources List DRYCLEANERS..... Cleaner Facilities EMI..... Emissions Inventory Data ENF..... Enforcement Action Listing

Financial Assurance Information Listing

HAZNET Facility and Manifest Data

ICE.....ICE

HWT...... Registered Hazardous Waste Transporter Database

MINES..... Mines Site Location Listing

MWMP..... Medical Waste Management Program Listing

NPDES...... NPDES Permits Listing

PEST LIC..... Pesticide Regulation Licenses Listing PROC..... Certified Processors Database

Notify 65..... Proposition 65 Records

UIC Listing

WASTEWATER PITS..... Oil Wastewater Pits Listing WDS..... Waste Discharge System

WIP..... Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

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 list

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS MERCURY	3772 KATELLA BLVD.	N 1/4 - 1/2 (0.470 mi.)	32	107

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFETY KLEEN CORP 7	3876 FLORISTA ST	N 1/2 - 1 (0.557 mi.)	H37	120

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS JFTB	LEXINGTON AVE	NNE 0 - 1/8 (0.006 mi.)	A4	12
Lower Elevation	Address	Direction / Distance	Map ID	Page
TARGET #1328	12300 SEAL BEACH BLV	SSW 0 - 1/8 (0.118 mi.)	В7	30

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TARGET STORE T1328	12300 SEAL BEACH BLV	SSW 0 - 1/8 (0.118 mi.)	B6	22
ED DIXON ENT INC	12240 SEAL BEACH	SW 1/8 - 1/4 (0.227 mi.)	C12	40

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 09/13/2017 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY #16669	12300 SEAL BEACH BLV	SSW 1/8 - 1/4 (0.141 mi.)	B8	32

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOINT FORCES TRAININ	LEXINGTON & FARQUHAR	NE 1/2 - 1 (0.532 mi.)	33	107

Database: RESPONSE, Date of Government Version: 10/30/2017

Status: No Further Action Facility Id: 30490037

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/30/2017 has revealed that there are 9 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOINT FORCES TRAININ Facility Id: 30490037 Status: No Further Action	LEXINGTON & FARQUHAR	NE 1/2 - 1 (0.532 mi.)	33	107
NAS LOS ALAMITOS Facility Id: 80000646		ENE 1/2 - 1 (0.556 mi.)	G34	112

Status: Inactive - Needs Evaluation				
LOS ALAMITOS RAD BOM Facility Id: 80000425 Status: Inactive - Action Required		ENE 1/2 - 1 (0.556 mi.)	G35	113
SAFETY - KLEEN CORP Facility Id: 60001792 Status: Active	3876 FLORISTA ST	N 1/2 - 1 (0.557 mi.)	Н36	114
SAFETY KLEEN CORP 7 Facility Id: 80001452 Status: Active	3876 FLORISTA ST	N 1/2 - 1 (0.557 mi.)	Н37	120
GRANADA CLEANERS Facility Id: 60002356 Status: Active	3391 KATELLA AVENUE	NNW 1/2 - 1 (0.587 mi.)	38	148
Facility Id: 30590004 Facility Id: 60001323 Status: Inactive - Action Required Status: Certified	10862 BLOOMFIELD STR	N 1/2 - 1 (0.614 mi.)	39	151
ARROWHEAD PRODUCTS Facility Id: 60002104 Status: Active	4411 KATELLA AVENUE	NNE 1/2 - 1 (0.763 mi.)	140	161
FEDERAL MOGUL CORP - Facility Id: 30370008 Status: Refer: Local Agency	4411 KATELLA AVENUE	NNE 1/2 - 1 (0.763 mi.)	I4 1	163

State and tribal landfill and/or solid waste disposal site lists

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 Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AGROMIN LOS ALAMITOS	4216 CONSTITUTION AV	NE 1/4 - 1/2 (0.266 mi.)	16	52
Database: SWF/LF (SWIS), Date of	Government Version: 11/13/2017			
Facility ID: 30-AB-0446				
Operational Status: Inactive				
Regulation Status: Notification				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 15 LUST sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOINT FORCES TRAININ Database: LUST REG 8, Date of Gov Facility Status: Pollution Characteriza Global ID: T0605900572		NNE 0 - 1/8 (0.006 mi.)	A1	8
JOINT FORCES TRAININ Database: LUST REG 8, Date of Gov Facility Status: Preliminary site asses Global ID: T0605900553		NNE 0 - 1/8 (0.006 mi.)	A2	9
JOINT FORCES TRAININ Database: LUST REG 8, Date of Gov Facility Status: Remedial action (clea Global ID: T060653541		NNE 0 - 1/8 (0.006 mi.)	A3	11
TEXACO Database: ORANGE CO. LUST, Database: LUST REG 8, Date of Gov Database: LUST, Date of Governmer Status: Completed - Case Closed Facility Id: 86UT200 Facility Status: Remediation Plan Global Id: T0605900582 Global ID: T0605900582		NNW 1/4 - 1/2 (0.299 mi.)	24	83
EXXON #7-1433 Database: ORANGE CO. LUST, Date Database: LUST REG 8, Date of Gov Database: LUST, Date of Governmer Status: Completed - Case Closed Facility Id: 89UT166 Facility Status: Case Closed Global Id: T0605900498 Global ID: T0605900498	vernment Version: 02/14/2005	NNW 1/4 - 1/2 (0.370 mi.)	E25	90
JOINT FORCES TRAININ Database: LUST REG 8, Date of Gov Facility Status: Remedial action (clea Global ID: T060592093		NE 1/4 - 1/2 (0.372 mi.)	26	96
ORANGE COUNTY FIRE S Database: ORANGE CO. LUST, Database: LUST REG 8, Date of Government Status: Completed - Case Closed Facility Id: 92UT108 Facility Status: Case Closed Global Id: T0605901596 Global ID: T0605901596		NNW 1/4 - 1/2 (0.392 mi.)	27	97
TALIN TIRE Database: LUST REG 8, Date of Gov Facility Status: Case Closed Global ID: T0605901292	11121 LOS ALAMITOS rernment Version: 02/14/2005	NNW 1/4 - 1/2 (0.426 mi.)	F30	104
TALIN TIRE INC Database: ORANGE CO. LUST, Database: LUST, Date of Government		NNW 1/4 - 1/2 (0.426 mi.)	F31	105

Status: Completed - Case Closed

Facility Id: 90UT214 Global Id: T0605901292

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOBIL OIL Database: LUST REG 8, Date of Govern Facility Status: Case Closed Facility Status: Remediation Plan Global ID: T0605901001 Global ID: T0605999286	12240 SEAL BEACH nment Version: 02/14/2005	SW 1/8 - 1/4 (0.227 mi.)	C13	42
MOBIL #18-GQT Database: ORANGE CO. LUST, Date of Database: LUST, Date of Government \ Status: Completed - Case Closed Status: Open - Verification Monitoring Facility Id: 01UT002 Global Id: T0605901001 Global Id: T0605999286		SW 1/8 - 1/4 (0.227 mi.)	C14	44
MOBIL OIL Database: ORANGE CO. LUST, Date o Facility Id: 89UT142	12240 W SEAL BEACH B f Government Version: 11/02/2017	WSW 1/8 - 1/4 (0.234 mi.)	C15	52
TOSCO CORPORATION ST Database: ORANGE CO. LUST, Date o Facility Id: 98UT050	12071 SEAL BEACH BLV f Government Version: 11/02/2017	WSW 1/4 - 1/2 (0.266 mi.)	D17	53
CHEVRON Database: ORANGE CO. LUST, Date of Database: LUST REG 8, Date of Government \ Database: LUST, Date of Government \ Status: Completed - Case Closed Facility Id: 90UT202 Facility Id: 86UT028 Facility Status: Case Closed Facility Status: Remediation Plan Global Id: T0605940167 Global Id: T0605900079 Global ID: T0605900079	nment Version: 02/14/2005	WSW 1/4 - 1/2 (0.266 mi.)	D18	55
UNOCAL #4686 (AKA TO Database: LUST REG 8, Date of Govern Database: LUST, Date of Government \ Status: Completed - Case Closed Facility Status: Remediation Plan Global Id: T0605902186 Global ID: T0605902186		WSW 1/4 - 1/2 (0.266 mi.)	D22	74

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there are 5 SLIC sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEST CLEANERS Database: SLIC, Date of Government Verschild Status: Open - Site Assessment Global Id: SL0605955432	11139 LOS ALAMITOS B ersion: 12/11/2017	NNW 1/4 - 1/2 (0.414 mi.)	E28	99
BEST CLEANERS Database: SLIC REG 8, Date of Govern	11139 LOS ALAMITOS B ment Version: 04/03/2008	NNW 1/4 - 1/2 (0.414 mi.)	E29	104
Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSSMOOR CLEANERS Database: SLIC, Date of Government Verschilb Status: Completed - Case Closer Global Id: SL605992761		WSW 1/4 - 1/2 (0.266 mi.)	D19	65
ROSSMOOR CLEANERS Database: SLIC REG 8, Date of Governing Facility Status: Initial Investigation Under		WSW 1/4 - 1/2 (0.266 mi.)	D20	70
GOODYEAR (FORMER) WA Database: SLIC, Date of Government Verification Status: Completed - Case Closer Global Id: T10000001524	ersion: 12/11/2017	WSW 1/4 - 1/2 (0.266 mi.)	D21	71

State and tribal registered storage tank lists

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 State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEAL BEACH MOBIL	12240 SEAL BEACH BLV	SW 1/8 - 1/4 (0.227 mi.)	C10	36
Database: UST, Date of Governme	nt Version: 12/11/2017			
Database: ORANGE CO. UST, Dat	e of Government Version: 11/02/2017			
Facility Id: EAGOEGE79				

Facility Id: FA0059578 Facility Id: 5189 Facility Id: FA0024609

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1

SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
REPLANET LLC	12470 SEAL BEACH BLV	SW 1/4 - 1/2 (0.280 mi.)	23	82
Cert Id: RC156275.001				

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARMY AIR FORCE EXCHA Status: A Tank Status: A Comp Number: 12120	BLDG 57	NNE 0 - 1/8 (0.006 mi.)	A5	22
Lower Elevation	Address	Direction / Distance	Map ID	Page
SEAL BEACH MOBIL Status: A Tank Status: A Comp Number: 5189	12240 SEAL BEACH BLV	SW 1/8 - 1/4 (0.227 mi.)	C10	36

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ALAMITOS JFTB Facility Id: 00000059423	LEXINGTON AVE	NNE 0 - 1/8 (0.006 mi.)	A4	12
Lower Elevation	Address	Direction / Distance	Map ID	Page
EDWARD N DIXON Facility Id: 00000039816	12240 SEAL BEACH BLV	SW 1/8 - 1/4 (0.227 mi.)	C9	35

Other Ascertainable Records

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there are 2 DOD sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEAL BEACH NAVAL WEA		S 1/2 - 1 (0.827 mi.)	0	8
LOS ALAMITOS ARMED F		0 - 1/8 (0.000 mi.)	0	8

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 7 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEXACO Reg Id: 083000733T	11250 LOS ALAMITOS	NNW 1/4 - 1/2 (0.299 mi.)	24	83
EXXON #7-1433 Reg ld: 083000623T	11171 LOS ALAMITOS B	NNW 1/4 - 1/2 (0.370 mi.)	E25	90
ORANGE COUNTY FIRE S Reg Id: 083002157T	3642 GREEN AVE	NNW 1/4 - 1/2 (0.392 mi.)	27	97
TALIN TIRE Reg Id: 083001706T	11121 LOS ALAMITOS	NNW 1/4 - 1/2 (0.426 mi.)	F30	104
Lower Elevation	Address	Direction / Distance	Map ID	Page
MOBIL #18-GQT Reg Id: 083001309T	12240 SEAL BEACH	SW 1/8 - 1/4 (0.227 mi.)	C14	44
CHEVRON Reg Id: 083000102T	12541 SEAL BEACH	WSW 1/4 - 1/2 (0.266 mi.)	D18	55
UNOCAL #4686 (AKA TO Reg Id: 083003225T	12071 SEAL BEACH	WSW 1/4 - 1/2 (0.266 mi.)	D22	74

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/20/2017 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
SAFETY KLEEN CORP 7	3876 FLORISTA ST	N 1/2 - 1 (0.557 mi.)	H37	120	
EPA Id: CAD066177783					

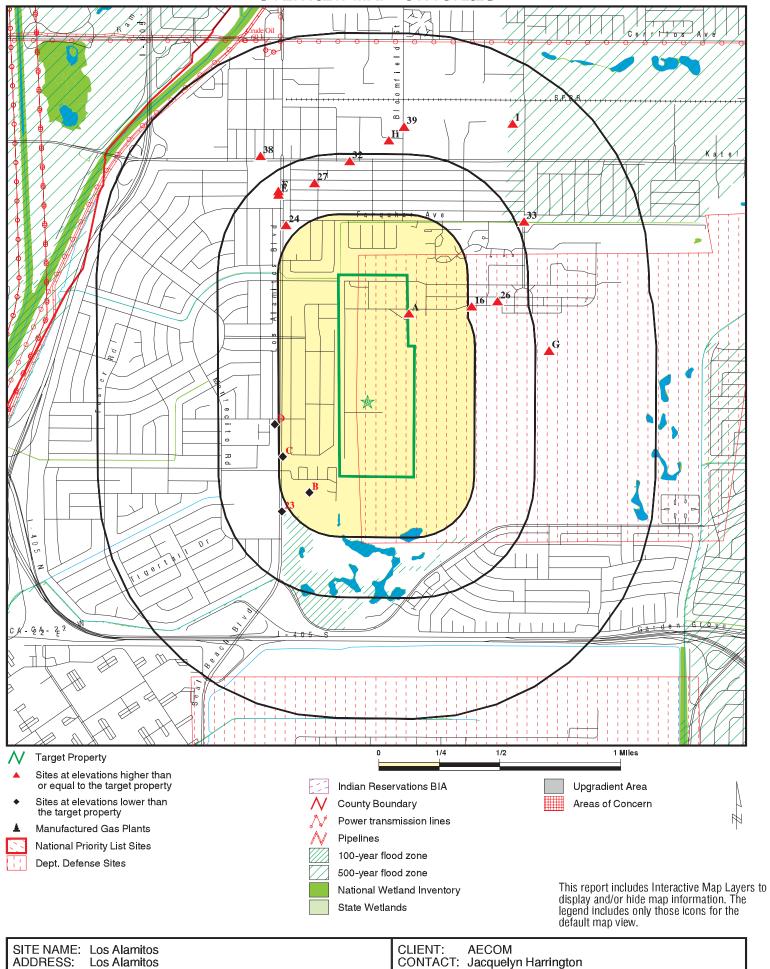
Cleanup Status: UNDERGOING CLOSURE

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
-----------	-------------

LOS ALAMITOS ARMED FORCES RESERVE JOINT FORCES TRAINING BASE (LOS AL CITY OF LOS ALAMITOS CITY OF LOS ALAMITOS LVT OP. LOS ALAMITOS JFTB LANDFILLS FTTS FINDS FINDS, ECHO RGA LF RGA LF

OVERVIEW MAP - 5177572.2S



Los Alamitos CA 90720

33.788524 / 118.065743

LAT/LONG:

February 05, 2018 1:15 pm

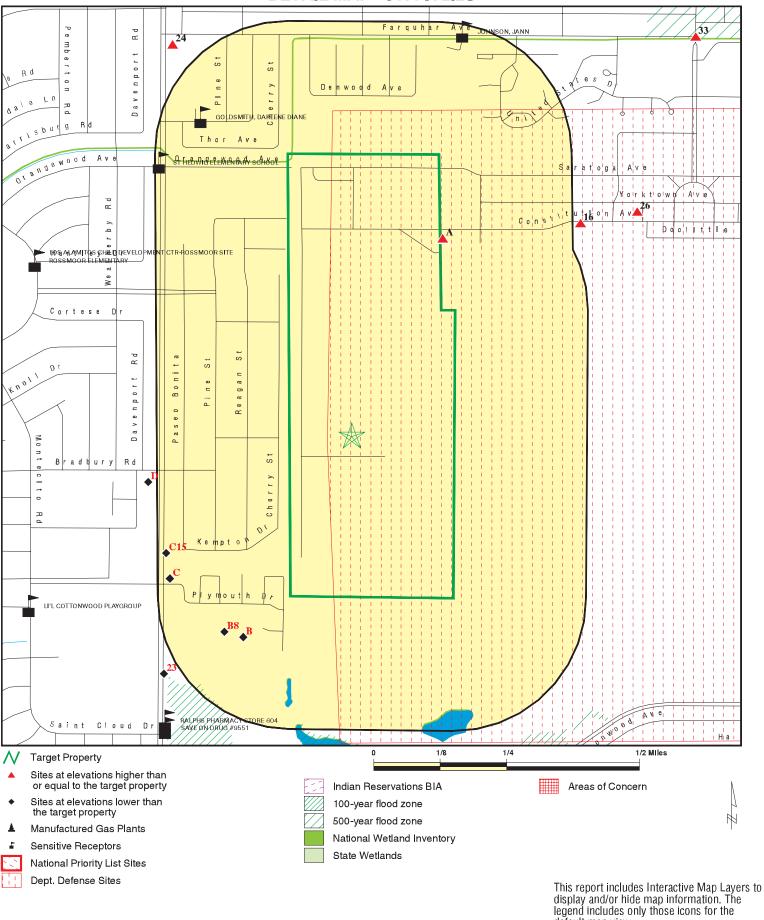
Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

5177572.2s

INQUIRY #:

DATE:

DETAIL MAP - 5177572.2S



SITE NAME: Los Alamitos
ADDRESS: Los Alamitos
Los Alamitos CA 90720
LAT/LONG: 33.788524 / 118.065743

CLIENT: AECOM
CONTACT: Jacquelyn Harrington
INQUIRY #: 5177572.2s
DATE: February 05, 2018 1:19 pm

default map view.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 1	NR NR	NR NR	0 1
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	1	NR	1
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		2 1 0	1 1 1	NR NR NR	NR NR NR	NR NR NR	3 2 1
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent NPL							
RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equiva	alent CERCLIS	8						
ENVIROSTOR	1.000		0	0	0	9	NR	9
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking	storage tank l	ists						
LUST	0.500		3	3	9	NR	NR	15

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	<u>> 1</u>	Total Plotted
INDIAN LUST SLIC	0.500 0.500		0	0 0	0 5	NR NR	NR NR	0 5
State and tribal registere	d storage tai	nk lists						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 1 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 1 0 0
State and tribal voluntary	/ cleanup site	es						
INDIAN VCP VCP	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Colid							
WMUDS/SWAT SWRCY HAULERS INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 TP 0.500 0.500 0.500		0 0 NR 0 0 0	0 0 NR 0 0 0	0 1 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 1 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL HIST Cal-Sites SCH CDL Toxic Pits US CDL	TP 1.000 0.250 TP 1.000 TP		NR 0 0 NR 0 NR	NR 0 0 NR 0 NR	NR 0 NR NR 0 NR	NR 0 NR NR 0 NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Registered	l Storage Tar	nks						
SWEEPS UST HIST UST CA FID UST	0.250 0.250 0.250		1 1 0	1 1 0	NR NR NR	NR NR NR	NR NR NR	2 2 0
Local Land Records								
LIENS LIENS 2 DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency R	Release Repo	rts						
HMIRS	TP		NR	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS LDS MCS Orange Co. Industrial Site SPILLS 90	TP TP TP TP TP		NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	0 0 0 0
Other Ascertainable Reco	ords							
Other Ascertainable Reco	0.250 1.000 1.000 0.500 TP TP TP 0.250 TP TP TP 1.000 TP		0 0 1 0 RR 0 RR NO NRR O RR NR O RR NR O RR NR O O O O	O O O O RR O RR NO O RR NO O RR NO O O O	$N \circ \circ \circ R R R R R R \circ R R R R R R R R R $	NO 1 RR RR RR O RR RR RR RR RR RR RR O O O RR RR	KR K	0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FINDS UXO DOCKET HWC ECHO FUELS PROGRAM CA BOND EXP. PLAN Cortese CUPA Listings DRYCLEANERS EMI ENF Financial Assurance	TP 1.000 TP TP 0.250 1.000 0.500 0.250 TP TP TP		NR 0 NR 0 0 0 0 NR NR NR	NR 0 NR NR 0 0 0 0 NR NR NR	NR 0 NR NR 0 0 NR NR NR NR NR	NR 0 NR NR 0 NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	6	NR	NR	7
HWP HWT	1.000 0.250		0	0	0 NR	1 NR	NR NR	1
MINES	0.250		0	0	NR NR	NR NR	NR NR	0
MWMP	0.250		0 0	0 0	NR NR	NR NR	NR NR	0
NPDES	0.250 TP		NR	NR	NR NR	NR NR	NR NR	0 0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	Ő
WASTEWATER PITS	0.500		0	0	0	NR	NR	Ő
WDS	TP		NR	NR	NR	NR	NR	Ö
WIP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICA	AL RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		Ö	NR	NR	NR	NR	Ö
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVER	NMENT ARCHIN	/ES						
Exclusive Recovered Go	ovt. Archives							
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
110/12001	11		IVIX	IVIX	1417	1411	IVIX	J
- Totals		0	9	10	23	13	0	55

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

DOD **SEAL BEACH NAVAL WEAPONS STATION** DOD CUSA143790 N/A

Region South

SEAL BEACH NAVAL WEAPONS (County), CA

1/2-1 4365 ft.

DOD:

Navy DOD Feature 1: Not reported Feature 2: Not reported Feature 3: URL: Not reported

Name 1: Seal Beach Naval Weapons Station

Name 2: Not reported Name 3: Not reported State: CA DOD Site: Yes

Tile name: CAORANGE

DOD CUSA143754 DOD LOS ALAMITOS ARMED FORCES RESERVE CENTER Region N/A

LOS ALAMITOS ARMED FORCES (County), CA

< 1/8 1 ft.

DOD:

Feature 1: Army DOD Feature 2: Not reported Feature 3: Not reported URL: Not reported

Name 1: Los Alamitos Armed Forces Reserve Center

Name 2: Not reported Name 3: Not reported State: CA DOD Site: Yes

CAORANGE Tile name:

LUST Α1 **JOINT FORCES TRAINING BASE, LOS ALAMITOS** S106784775 NNE N/A

BLDG 158 DOOLITE AVE. LOS ALAMITOS, CA 90720 < 1/8

0.006 mi.

30 ft. Site 1 of 5 in cluster A

LUST REG 8: Relative: Region: 8 Higher County: Orange

Actual: Regional Board: Santa Ana Region 23 ft. Facility Status: Pollution Characterization

083000723T Case Number: Local Case Num: Not reported Aguifer affected Case Type: Substance: Gasoline Qty Leaked: Not reported

Abate Method:

Minuteman Circle Cross Street: Enf Type: Not reported

Funding:

Tank Closure How Discovered: How Stopped: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784775

Leak Cause: Corrosion Leak Source: Piping Global ID: T0605900572 How Stopped Date: Not reported Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: 10/2/1989 Discover Date: 10/1/1987 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 9/13/2004 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 2/12/1996 Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies:

Soil Qualifies: Not reported Operator: Not reported Not reported Facility Contact: Interim: Yes Oversite Program: DOD 33.79422 Latitude: Longitude: -118.054222

Max MTBE GW: 5 MTBE Concentration:

MTBE Date:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

5/14/1993

MTBE Class: С Staff: JCB Staff Initials: SAS

Lead Agency: Regional Board Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: MS I Priority: Not reported Cleanup Fund Id: Not reported Not reported Work Suspended:

Summary: emgr. generator fuel supply tank, 1-2,000 gal steel, UST removed and site

restored to grade

JOINT FORCES TRAINING BASE, LOS ALAMITOS **A2 NNE**

FORMER JP-4 FUEL FARM USTS 87,88,89

< 1/8 LOS ALAMITOS, CA 90720

0.006 mi.

Site 2 of 5 in cluster A 30 ft.

LUST REG 8: Relative: Region: Higher County: Orange

Actual: Regional Board: Santa Ana Region

23 ft. Facility Status: Preliminary site assessment underway

Case Number: 083000700T Local Case Num: Not reported Case Type: Aquifer affected Substance: Jet Fuel

S106784631

N/A

LUST

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784631

EDR ID Number

Qty Leaked:Not reportedAbate Method:FP VE PTCross Street:Saratoga Ave.Enf Type:Not reported

Funding: D How Discovered: OM How Stopped: Not reported Leak Cause: Corrosion Leak Source: Piping Global ID: T0605900553 2/1/1987 How Stopped Date: 12/18/1987 Enter Date: Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: 11/1/1989 Discover Date: 4/1/1987 **Enforcement Date:** Not reported Not reported Close Date: Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 12/18/1987 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Not reported Date Post Remedial Action Monitoring: Enter Date: 12/18/1987 **GW Qualifies:**

Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Yes DOD Oversite Program: Latitude: 33.7948716 Longitude: -118.0665419 5/23/2001 MTBE Date: Max MTBE GW: 2.8 MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel: 0

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: D
Staff: JCB
Staff Initials: SAS

Lead Agency: Regional Board

Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: MS_T
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Summary: former JP-4 & av gas tank farm, 3 removed-210,000 gal USTs 87(A), 88(B) & 89(C)

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

A3 JOINT FORCES TRAINING BASE, LOS ALAMITOS LUST \$106784632
NNE BLDG 2 DOOLITLE AVE. N/A

< 1/8 LOS ALAMITOS, CA 90720

0.006 mi.

30 ft. Site 3 of 5 in cluster A

Relative: LUST REG 8: Higher Region:

her Region: 8
County: Orange

Actual: Regional Board: Santa Ana Region

23 ft. Remedial action (cleanup) Underway

Case Number: 083003838T Local Case Num: Not reported Soil only Case Type: Diesel Substance: Qty Leaked: Not reported Not reported Abate Method: Aircraft Parking Cross Street: Enf Type: Not reported Not reported Funding: How Discovered: Tank Closure

How Stopped: Not reported Overfill Leak Cause: Leak Source: Piping Global ID: T060653541 How Stopped Date: Not reported Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: Not reported Not reported **Enforcement Date:** Not reported Close Date: Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 10/2/1989

Date Pollution Characterization Began: 10/2/1989
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: 3/15/1994
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported

GW Qualifies: =

Soil Qualifies: Not reported Not reported Operator: Facility Contact: Not reported Interim: Not reported Oversite Program: DOD 33.7935441 Latitude: -118.0554932 Longitude: MTBE Date: 5/29/2001 Max MTBE GW: 4.7 MTBE Concentration: 1

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: D
Staff: JCB
Staff Initials: SAS

Lead Agency: Regional Board Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784632

Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Haz Mat incident report filed: FORMER 2,000 GAL. STEEL UST FOR EMERGENCY

> GENERATOR FUEL SUPPLY TANK: UST WAS BACKFILLED WITH CONCRETE, SURROUNDING SOILS REMOVED: 2,500 GAL. CONCRETE UST: TANK CLOSED - IN - PLACE FILL WITH

CONCRETE, SORROUNDING SOILS REMOVED

Α4 **LOS ALAMITOS JFTB** RCRA-LQG 1000101564 NNE HIST UST **LEXINGTON AVE** CA8572890517

LOS ALAMITOS, CA 90720 < 1/8

0.006 mi.

Higher

30 ft. Site 4 of 5 in cluster A

Relative:

RCRA-LOG:

Date form received by agency: 03/01/2016

LOS ALAMITOS JFTB Facility name: Actual: Facility address: LEXINGTON AVE 23 ft.

LOS ALAMITOS, CA 90720

EPA ID: CA8572890517 Mailing address: **GOETHE RD BOX 17**

SACRAMENTO, CA 95826

Contact: SUSAN L OAKLEY HWY 101 BLDG 910 Contact address:

CAMP ROBERTS, CA 93451

Contact country: US

Contact telephone: 805-238-8418

Contact email: SUSAN.L.OAKLEY4.NFG@MAIL.MIL

09 EPA Region: Land type: State

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than

100 kg of that material at any time

Owner/Operator Summary:

CALIFORNIA MILITARY DEPARTMENT Owner/operator name:

Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported 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: 03/27/1928 Owner/Op end date: Not reported Map ID MAP FINDINGS

Direction Distance Elevation

levation Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

Owner/operator name: US ARMY CORP OF ENGINEERS

Owner/operator address: P.O. BOX 2711

LOS ANGELES, CA 90053

Owner/operator country: US

Owner/operator telephone: 916-854-3000 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: 03/21/1942 Owner/Op end date: Not reported

Owner/operator name: CALIFORNIA STATE MILITARY

Owner/operator address: Not reported

Not reported

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: State Owner/Operator Type: Operator Owner/Op start date: 03/27/1942 Owner/Op end date: Not reported

Owner/operator name: US ARMY CORP OF ENGINEERS

Owner/operator address: P.O. VIX 2711

LOS ANGELES, CA 90053

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: State Owner/Operator Type: Owner Owner/Op start date: 03/21/1942 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: 122

Map ID MAP FINDINGS Direction

Distance Elevation

Site EDR ID Number

Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 134

Waste name: Aqueous solution with <10% total organic residues

. Waste code: 151

. Waste name: Asbestos-containing waste

Waste code: 181

Waste name: Other inorganic solid waste

. Waste code: 221

Waste name: Waste oil and mixed oil

Waste code: 222

Waste name: Oil/water separation sludge

Waste code: 281
Waste name: Adhesives

. Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

Waste code: 352

Waste name: Other organic solids

. Waste code: 741

. Waste name: Liquids with halogenated organic compounds > 1000 mg/l

Waste code: 791

Waste name: Liquids with pH < 2

. Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D006 . Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D018
. Waste name: BENZENE

Waste code: D035

Map ID MAP FINDINGS
Direction

Distance Elevation

tion Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

. Waste name: METHYL ETHYL KETONE

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 03/01/2014

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D003

. Waste name: REACTIVE WASTE

Waste code: D006
Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Waste code: D035

. Waste name: METHYL ETHYL KETONE

Date form received by agency: 08/18/2010

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

. Waste code: 135

. Waste name: Unspecified aqueous solution

Waste code: 151

. Waste name: Asbestos-containing waste

. Waste code: 172

Waste name: Metal dust (see 121) and machining waste

. Waste code: 181

. Waste name: Other inorganic solid waste

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

. Waste code: 212

. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 213

. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Waste code: 214

Waste name: Unspecified solvent mixture

Waste code: 221

. Waste name: Waste oil and mixed oil

Waste code: 222

. Waste name: Oil/water separation sludge

Waste code: 223

. Waste name: Unspecified oil-containing waste

Waste code: 281
Waste name: Adhesives

. Waste code: 331

Waste name: Off-specification, aged, or surplus organics

Waste code: 342

. Waste name: Organic liquids with metals (see 121)

Waste code: 352

. Waste name: Other organic solids

. Waste code: 512

. Waste name: Other empty containers 30 gallons or more

Waste code: 513

Waste name: Empty containers less than 30 gallons

Waste code: 792

. Waste name: Liquids with pH < 2 with metals

Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D018

. Waste name: BENZENE
. Waste code: F005

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

Map ID MAP FINDINGS

Distance Elevation Site

Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/29/2008

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D008 Waste name: LEAD

Waste code: D035

Waste name: METHYL ETHYL KETONE

Waste code: D040

. Waste name: TRICHLORETHYLENE

Date form received by agency: 05/01/2006

Site name: FIELD MAINTENANCE SHOP #8
Classification: Small Quantity Generator

Date form received by agency: 05/01/2006

Site name: FIELD MAINTENANCE SHOP #8
Classification: Large Quantity Generator

Waste code: D001

. Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D034

Waste name: HEXACHLOROETHANE

Date form received by agency: 02/27/2004

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D003

Waste name: REACTIVE WASTE

. Waste code: D011 . Waste name: SILVER Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

Date form received by agency: 09/01/1996

Site name: LOS ALAMITOS AFRC Classification: Large Quantity Generator

Date form received by agency: 03/22/1989

Site name: LOS ALAMITOS AFRC Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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.

Amount (Lbs): 2941

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.

Amount (Lbs): 69

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 1675

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1675

Waste code: D008
Waste name: LEAD
Amount (Lbs): 1675

Waste code: D009
Waste name: MERCURY

Amount (Lbs): 51

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 336

Waste code: D035

Waste name: METHYL ETHYL KETONE

Amount (Lbs): 312

Waste code: F002

Map ID MAP FINDINGS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS JFTB (Continued)

1000101564

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.

Amount (Lbs): 41

Facility Has Received Notices of Violations: Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 11/18/2015 Date achieved compliance: 11/18/2015 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported

Regulation violated: Not reported

Paid penalty amount:

Area of violation: Generators - General

Not reported

02/24/2010 Date violation determined: Date achieved compliance: Not reported Violation lead agency: State

Enforcement action: Not reported Not reported Enforcement action date: Not reported Enf. disposition status: Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Not reported Paid penalty amount:

Evaluation Action Summary:

Evaluation date: 11/18/2015

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

Area of violation: Generators - Pre-transport

Date achieved compliance: 11/18/2015 Evaluation lead agency: State

11/17/2015 Evaluation date:

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 11/03/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/02/2015

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 07/03/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/16/2013

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 06/14/2012

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/03/2010

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: EPA

Evaluation date: 02/24/2010

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 04/04/2005

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

HIST UST:

File Number: 0002EE90

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EE90.pdf

Region: STATE
Facility ID: 00000059423
Facility Type: Other

Other Type: NATL GUARD TRAINING

Contact Name: Not reported Telephone: 2134938076

Owner Name: STATE MILITARY DEPT.
Owner Address: 2829 WATT AVE

Owner City,St,Zip: SACRAMENTO, CA 95821

Direction Distance Elevation

on Site Database(s) EPA ID Number

LOS ALAMITOS JFTB (Continued)

1000101564

EDR ID Number

Total Tanks: 0006

Tank Num: 001

Container Num:

Year Installed:

Tank Capacity:

Tank Used for:

Type of Fuel:

Container Construction Thickness:

Leak Detection:

030 BLDG 2

Not reported

Not reported

None

Tank Num: 002

Container Num: 031 BLDG57
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003

Container Num: 032 BLDG35
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

Leak Detection: None

Tank Num: 004

Container Num: 033 BLDG60
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 005
Container Num: 034 FUEL F
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

Leak Detection: None

Tank Num: 006 035 BLDG 1 Container Num: Year Installed: Not reported Tank Capacity: 00000000 Tank Used for: WASTE Not reported Type of Fuel: Container Construction Thickness: Not reported None Leak Detection:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS JFTB (Continued)

1000101564

Click here for Geo Tracker PDF:

SWEEPS UST \$106922859 Α5 **ARMY AIR FORCE EXCHANGE (AAFES**

NNE **BLDG 57** N/A

< 1/8 LOS ALAMITOS, CA 90720

0.006 mi.

Site 5 of 5 in cluster A 30 ft.

SWEEPS UST: Relative:

Active Higher Status: Comp Number: 12120 Actual: Number: 9

23 ft. Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 06-18-92 Created Date: 02-29-88

> Owner Tank Id: Not reported SWRCB Tank Id: 30-000-012120-000003

Tank Status: 10000 Capacity: Not reported Active Date: Tank Use: M.V. FUEL

STG:

REG UNLEADED Content:

Number Of Tanks:

RCRA-SQG **B6 TARGET STORE T1328** 1014465479 CAR000219592

SSW 12300 SEAL BEACH BLVD < 1/8 SEAL BEACH, CA 90740

0.118 mi.

621 ft. Site 1 of 3 in cluster B

RCRA-SQG: Relative:

Date form received by agency: 02/17/2016 Lower

Facility name: **TARGET STORE T1328** Actual: Facility address: 12300 SEAL BEACH BLVD 18 ft. SEAL BEACH, CA 90740

EPA ID: CAR000219592

Mailing address: PO BOX 111

MINNEAPOLIS, MN 55440 STEVE MUSSER Contact:

PO BOX 111 Contact address:

MINNEAPOLIS, MN 55440

Contact country: US

Contact telephone: 800-587-2228 Contact email: POC@TARGET.COM

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TARGET CORPORATION

Distance Elevation

Site Database(s) EPA ID Number

TARGET STORE T1328 (Continued)

1014465479

EDR ID Number

Owner/operator address: Not reported Not reported Not reported Owner/operator country: Owner/operator telephone: Not reported Owner/operator email: Not reported Not reported Owner/operator fax: Not reported Owner/operator extension: Private Legal status: Owner/Operator Type: Operator Owner/Op start date: 03/07/2001 Owner/Op end date: Not reported

Owner/operator name: TARGET CORPORATION

Owner/operator address: PO BOX 111

MINNEAPOLIS, MN 55440

Not reported

Owner/operator country: US

Owner/operator telephone: 800-587-2228
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: 03/07/2001

Handler Activities Summary:

Owner/Op end date:

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 WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D004 . Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006 . Waste name: CADMIUM Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

TARGET STORE T1328 (Continued)

1014465479

EDR ID Number

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010 . Waste name: SELENIUM

. Waste code: D011 . Waste name: SILVER

. Waste code: D016

. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste code: D018
Waste name: BENZENE

Waste code: D024
Waste name: M-CRESOL

. Waste code: D026 . Waste name: CRESOL

Waste code: D035

. Waste name: METHYL ETHYL KETONE

. Waste code: P001

Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042

Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR)

EPINEPHRINE

Waste code: P075

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

. Waste code: P081

. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste code: U002

Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

Waste code: U034

. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste code: U035

. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste code: U044

. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

Distance Elevation

Site EDR ID Number

Database(s) EPA ID Number

TARGET STORE T1328 (Continued)

1014465479

. Waste code: U058

. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-,

2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U072

Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U122

. Waste name: FORMALDEHYDE

Waste code: U129

. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA,

5ALPHA, 6BETA)- (OR) LINDANE

Waste code: U150

Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste code: U154

. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U188 . Waste name: PHENOL

Waste code: U200

. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID,

11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER,

(3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U201

. Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

. Waste code: U279

Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Historical Generators:

Date form received by agency: 03/01/2014

Site name: TARGET STORE T1328
Classification: Small Quantity Generator

. Waste code: D001

Waste name: IGNITABLE WASTE

. Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D003

. Waste name: REACTIVE WASTE

. Waste code: D004 . Waste name: ARSENIC

Waste code: D005 Waste name: BARIUM

. Waste code: D006 . Waste name: CADMIUM

Direction Distance Elevation

EDR ID Number
Site Database(s) EPA ID Number

TARGET STORE T1328 (Continued)

1014465479

. Waste code: D007 . Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010 . Waste name: SELENIUM

. Waste code: D011 . Waste name: SILVER

. Waste code: D016

. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste code: D018
Waste name: BENZENE

Waste code: D024
Waste name: M-CRESOL

. Waste code: D026 . Waste name: CRESOL

Waste code: D028

. Waste name: 1,2-DICHLOROETHANE

. Waste code: D035

. Waste name: METHYL ETHYL KETONE

Waste code: P001

Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P042

. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR)

EPINEPHRINE

Waste code: P075

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

Waste code: P081

Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

. Waste code: U002

. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U034

Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U035

. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Distance Elevation

EDR ID Number
Site Database(s) EPA ID Number

TARGET STORE T1328 (Continued)

1014465479

. Waste code: U044

. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste code: U058

. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-,

2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U072

. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste code: U122

. Waste name: FORMALDEHYDE

Waste code: U129

Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA,

5ALPHA, 6BETA)- (OR) LINDANE

Waste code: U150

. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste code: U154

. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U188 . Waste name: PHENOL

. Waste code: U200

. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID,

11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER,

(3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U201

. Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste code: U279

. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Date form received by agency: 04/11/2011

Site name: TARGET STORE NO 1328
Classification: Small Quantity Generator

Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

Waste name: CORROSIVE WASTE

. Waste code: D005 . Waste name: BARIUM

. Waste code: D008 . Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011

Direction Distance

EDR ID Number Elevation **EPA ID Number** Site Database(s)

TARGET STORE T1328 (Continued)

1014465479

Waste name: **SILVER**

D016 Waste code:

Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste code:

Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

P046 Waste code:

ALPHA, ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, Waste name:

ALPHA-DIMETHYL-

Waste code:

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code:

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

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.

2687 Amount (Lbs):

Waste code: D002

A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS Waste name:

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.

Amount (Lbs): 1440

Waste code: D004 Waste name: **ARSENIC** Amount (Lbs): 1488

Waste code: D005 Waste name: **BARIUM** Amount (Lbs): 1910

Waste code: D006 Waste name: CADMIUM

Amount (Lbs): 85

Waste code: D007 Waste name: **CHROMIUM**

Amount (Lbs): 1910

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TARGET STORE T1328 (Continued)

1014465479

Waste code: D008 Waste name: LEAD Amount (Lbs): 43

Waste code: D009 **MERCURY** Waste name: 1648 Amount (Lbs):

Waste code: D010 Waste name: **SELENIUM** Amount (Lbs): 1488

Waste code: D011 Waste name: SILVER Amount (Lbs): 1825

Waste code: D016 2,4-D Waste name: Amount (Lbs): 1488

Waste code: D018 Waste name: BENZENE Amount (Lbs): 337

D024 Waste code: Waste name: M-CRESOL Amount (Lbs): 1488

Waste code: D026 **CRESOL** Waste name: Amount (Lbs): 1488

Waste code: D035

Waste name: METHYL ETHYL KETONE

Amount (Lbs): 1090

Waste code: P001

2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, Waste name:

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Amount (Lbs): 22

Waste code: P075

Waste name: NICOTINE, & SALTS

Amount (Lbs): 22

Waste code: U002

Waste name: ACETONE (I)

Amount (Lbs): 337

Waste code: U154

METHANOL (I) Waste name:

Amount (Lbs):

Violation Status: No violations found

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

B7 TARGET #1328 RCRA-LQG 1014386849 CAL000293514

SSW 12300 SEAL BEACH BLVD < 1/8 SEAL BEACH, CA 90740

0.118 mi.

621 ft. Site 2 of 3 in cluster B

RCRA-LQG: Relative:

Date form received by agency: 06/24/2010 Lower

Facility name: **TARGET #1328**

Actual: Facility address: 12300 SEAL BEACH BLVD 18 ft. SEAL BEACH, CA 90740

> EPA ID: CAL000293514 Mailing address: P.O. BOX 111

MINNEAPOLIS, MN 55440

Contact: JANNA ADAIR-POTTS

Contact address: P.O. BOX 111

MINNEAPOLIS, MN 55440

Contact country: US

800-587-2228 Contact telephone:

Contact email: CORPORATE.COMPLIANCE@TARGET.COM

EPA Region:

Large Quantity Generator Classification:

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than

100 kg of that material at any time

Owner/Operator Summary:

Owner/Op end date:

TARGET COPORATION Owner/operator name: Owner/operator address: 1000 NICOLLET MALL MINNEAPOLIS, MN 55403

Owner/operator country: US

Owner/operator telephone: 800-587-2228 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: 10/04/2000

TARGET CORPORATION Owner/operator name:

Not reported Owner/operator address: Not reported

Not reported

Not reported

Owner/operator country: Owner/operator telephone: Not reported Owner/operator email: Not reported Not reported Owner/operator fax: Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Operator

Distance Elevation

Site EDR ID Number

Database(s) EPA ID Number

TARGET #1328 (Continued) 1014386849

Owner/Op start date: 10/04/2000
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 No Furnace exemption: 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: 123

. Waste name: Unspecified alkaline solution

. Waste code: 141

Waste name: Off-specification, aged, or surplus inorganics

Waste code: 214

Waste name: Unspecified solvent mixture

. Waste code: 232

Waste name: Pesticides and other waste associated with pesticide production

Waste code: 291

Waste name: Latex waste

Waste code: 311

Waste name: Pharmaceutical waste

. Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 561

Waste name: Detergent and soap

Waste code: 791

Waste name: Liquids with pH < 2

. Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D002

Waste name: CORROSIVE WASTE

Waste code: D008
Waste name: LEAD

. Waste code: P001

Direction Distance

Elevation Site **EPA ID Number** Database(s)

TARGET #1328 (Continued) 1014386849

. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P046

ALPHA, ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, Waste name:

ALPHA-DIMETHYL-

Waste code:

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

Waste code: U240

2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS Waste name:

& ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Violation Status: No violations found

RCRA-CESQG

B8 CVS PHARMACY #16669 SSW 12300 SEAL BEACH BLVD STE B 1/8-1/4 SEAL BEACH, CA 90740

0.141 mi.

746 ft. Site 3 of 3 in cluster B

RCRA-CESQG: Relative: Date form received by agency: 03/29/2016 Lower

> Facility name: CVS PHARMACY #16669

Actual: Facility address: 12300 SEAL BEACH BLVD STE B 17 ft. SEAL BEACH, CA 90740

CAR000262048 EPA ID:

Mailing address: ONE CVS DR WOONSOCKET, RI 02895

Contact: NICOLE WILKINSON

ONE CVS DR MAIL CODE 2340 Contact address:

WOONSOCKET, RI 02895

Contact country: US

Contact telephone: 401-770-7132

Contact email: NICOLE.WILKINSON@CVSHEALTH.COM

EPA Region:

Classification: Conditionally Exempt Small Quantity Generator

Handler: generates 100 kg or less of hazardous waste per calendar Description: 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: GARFIELD BEACH CVS LLC

Owner/operator address: Not reported **EDR ID Number**

1018273989

CAR000262048

FINDS

ECHO

Direction Distance Elevation

Site Database(s) EPA ID Number

CVS PHARMACY #16669 (Continued)

1018273989

EDR ID Number

Not reported

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: Operator Owner/Op start date: 12/16/2015 Owner/Op end date: Not reported

Owner/operator name: TARGET CORPORATION

Owner/operator address: NICOLLET MALL

MINNEAPOLIS, MN 55403

Owner/operator country: US

Owner/operator telephone: 612-304-6073 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: 03/07/2001 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: 122

. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 123

Waste name: Unspecified alkaline solution

. Waste code: 134

Waste name: Aqueous solution with <10% total organic residues

Waste code: 141

Waste name: Off-specification, aged, or surplus inorganics

Waste code: 181

Waste name: Other inorganic solid waste

Waste code: 214

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

CVS PHARMACY #16669 (Continued)

1018273989

. Waste name: Unspecified solvent mixture

Waste code: 311

. Waste name: Pharmaceutical waste

. Waste code: 331

Waste name: Off-specification, aged, or surplus organics

Waste code: 352

Waste name: Other organic solids

. Waste code: 541

. Waste name: Photochemicals / photo processing waste

Waste code: 561

Waste name: Detergent and soap

. Waste code: 791

Waste name: Liquids with pH < 2

. Waste code: D001

Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D007 . Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010 . Waste name: SELENIUM

. Waste code: D011 . Waste name: SILVER

. Waste code: D024 . Waste name: M-CRESOL

Waste code: P001

. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: U034

. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U044

. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste code: U122

Waste name: FORMALDEHYDE

. Waste code: U129

. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA,

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CVS PHARMACY #16669 (Continued)

1018273989

5ALPHA, 6BETA)- (OR) LINDANE

U188 Waste code: **PHENOL** Waste name:

Waste code: U201

Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste code:

Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Violation Status: No violations found

FINDS:

Registry ID: 110067713175

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:

1018273989 Envid: Registry ID: 110067713175

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067713175

C9 **EDWARD N DIXON** HIST UST U001565617 SW 12240 SEAL BEACH BLVD N/A

1/8-1/4 0.227 mi.

Site 1 of 7 in cluster C 1197 ft.

Relative: Lower

HIST UST: File Number:

SEAL BEACH, CA 90740

00027E45 URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027E45.pdf

Actual: 17 ft.

Region: STATE Facility ID: 00000039816 Facility Type: Gas Station Other Type: Not reported SAME Contact Name: Telephone: 2135969610 Owner Name: MOBIL OIL CORP. Owner Address: 612 S. FLOWER ST. Owner City, St, Zip: LOS ANGELES, CA 90017

Total Tanks: 0004

Tank Num: 001 Container Num:

Year Installed: Not reported Tank Capacity: 00000280

Direction Distance

Elevation Site Database(s) EPA ID Number

EDWARD N DIXON (Continued)

U001565617

EDR ID Number

Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002 Container Num: 4

Year Installed:

Tank Capacity:

Tank Used for:

Type of Fuel:

Container Construction Thickness:

Leak Detection:

Not reported

UNLEADED

Not reported

Stock Inventor

Tank Num: 003 Container Num: 3

Year Installed:

Tank Capacity:

O0008000

Tank Used for:

Type of Fuel:

Container Construction Thickness:

Leak Detection:

Not reported

Stock Inventor

Tank Num: 004 Container Num: 2

Year Installed:

Tank Capacity:

Tank Used for:

Type of Fuel:

Container Construction Thickness:

Leak Detection:

Not reported

PREMIUM

Not reported

Stock Inventor

Click here for Geo Tracker PDF:

 C10
 SEAL BEACH MOBIL
 UST
 U003879918

 SW
 12240 SEAL BEACH BLVD
 SWEEPS UST
 N/A

1/8-1/4 0.227 mi.

1197 ft. Site 2 of 7 in cluster C

Relative: Lower UST:

Facility ID: FA0024609

Permitting Agency: Orange County Environmental Health

 Actual:
 Latitude:
 33.78468

 17 ft.
 Longitude:
 -118.07184

SEAL BEACH, CA 90740

Facility ID: 5189

Permitting Agency: ORANGE COUNTY

Latitude: 33.78534 Longitude: -118.07196

ORANGE CO. UST:

Facility ID: FA0059578

SWEEPS UST:

Status: Not reported Comp Number: 5189

Direction Distance Elevation

ation Site Database(s) EPA ID Number

SEAL BEACH MOBIL (Continued)

U003879918

EDR ID Number

Number: Not reported
Board Of Equalization: 44-016344
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-005189-000001

Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported

Number Of Tanks: 4

Status: Not reported 5189 Comp Number: Number: Not reported Board Of Equalization: 44-016344 Referral Date: Not reported Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-005189-000002

Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported Comp Number: 5189 Not reported Number: Board Of Equalization: 44-016344 Referral Date: Not reported Action Date: Not reported Created Date: Not reported Not reported Owner Tank Id:

SWRCB Tank Id: 30-000-005189-000003

Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported Comp Number: 5189 Number: Not reported 44-016344 Board Of Equalization: Referral Date: Not reported Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SEAL BEACH MOBIL (Continued)

SWRCB Tank ld: 30-000-005189-000004

Tank Status: Not reported

Capacity: 280
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Active Comp Number: 5189 Number: 9

Board Of Equalization: 44-016344
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-005189-000005

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: LEADED

Number Of Tanks: 4

Status: Active
Comp Number: 5189
Number: 9

Board Of Equalization: 44-016344
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-005189-000006

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED Number Of Tanks: Not reported

Status: Active
Comp Number: 5189
Number: 9

Board Of Equalization: 44-016344
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-005189-000007

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

U003879918

EDR ID Number

Direction Distance

Elevation Site **EPA ID Number** Database(s)

SEAL BEACH MOBIL (Continued)

U003879918

EDR ID Number

Content: **REG UNLEADED** Number Of Tanks: Not reported

Status: Active Comp Number: 5189 Number: Board Of Equalization:

44-016344 Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

30-000-005189-000008 SWRCB Tank Id:

Tank Status: Α Capacity: 10000 Not reported Active Date: Tank Use: M.V. FUEL

STG:

REG UNLEADED Content: Number Of Tanks: Not reported

C11 EXXONMOBIL OIL CORP. RCRA-LQG 1007200159 SW 12240 SEAL BEACH BLVD CAL000056122

1/8-1/4 SEAL BEACH, CA 90740 0.227 mi.

1197 ft. Site 3 of 7 in cluster C

RCRA-LQG: Relative:

Date form received by agency: 02/28/2002 Lower

EXXONMOBIL OIL CORP. Facility name: Actual: Facility address: 12240 SEAL BEACH BLVD 17 ft.

> EPA ID: CAL000056122

12265 WEST BAYAUD AVE. Mailing address:

LAKEWOOD, CO 80228

SEAL BEACH, CA 90740

Contact: JOHN HOOVER Contact address: Not reported Not reported Contact country: US

Contact telephone: 800-253-8054 Contact email: Not reported

EPA Region:

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: EXXONMOBIL OIL CORP

Direction Distance

Elevation Site Database(s) EPA ID Number

EXXONMOBIL OIL CORP. (Continued)

1007200159

EDR ID Number

Owner/operator address: Not reported Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Owner/operator email: Not reported Not reported Owner/operator fax: Owner/operator extension: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 02/28/2002 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: 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: Nο 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 WASTE

Violation Status: No violations found

C12 ED DIXON ENT INC SW 12240 SEAL BEACH 1/8-1/4 SEAL BEACH, CA 90740

0.227 mi.

Actual:

17 ft.

1197 ft. Site 4 of 7 in cluster C

Relative: RCRA-SQG:

Lower Date form received by agency: 09/15/1986

Facility name: ED DIXON ENT INC
Facility address: 12240 SEAL BEACH
SEAL BEACH, CA 90740

EPA ID: CAD981654486

Mailing address: 12240 SEAL BEACH BLVD
SEAL BEACH, CA 90740
Contact: ENVIRONMENTAL MANAGER

Contact address: 12240 SEAL BEACH

SEAL BEACH SEAL BEACH SEAL BEACH

Contact country: US

Contact telephone: 213-431-4887 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of

RCRA-SQG

FINDS

ECHO

1000189755

CAD981654486

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

ED DIXON ENT INC (Continued)

1000189755

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MOBIL OIL CORP Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Not reported

Owner/operator telephone: 415-555-1212 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:

Owner/operator country:

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 No Furnace exemption: 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

FINDS:

Registry ID: 110006473146

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ED DIXON ENT INC (Continued)

1000189755

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: 1000189755 Registry ID: 110006473146

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006473146

C13 **MOBIL OIL** LUST S104576651 SW 12240 SEAL BEACH N/A

Not reported

1/8-1/4 SEAL BEACH, CA 90740

Interim:

0.227 mi.

1197 ft. Site 5 of 7 in cluster C

LUST REG 8: Relative: Region: Lower County:

Orange Actual: Santa Ana Region Regional Board: 17 ft. Facility Status: Case Closed

Case Number: 083001309T Local Case Num: 89UT142 Case Type: Soil only 12035,800661 Substance:

Qty Leaked: 0

Abate Method: Not reported Cross Street: Not reported Not reported Enf Type: Not reported Funding: How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown Global ID: T0605901001 How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported 8/7/1989 Discover Date: **Enforcement Date:** Not reported Close Date: 4/8/1993 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported

Distance

Elevation Site Database(s) EPA ID Number

MOBIL OIL (Continued) S104576651

Not reported

 Oversite Program:
 LUST

 Latitude:
 33.7848024

 Longitude:
 -118.071733

 MTBE Date:
 Not reported

 Max MTBE GW:
 Not reported

MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class: *
Staff: RS
Staff Initials: SS

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported
Not reported

Summary: Not reported

Date Confirmation of Leak Began:

Region: 8 County: Orange

Regional Board: Santa Ana Region
Facility Status: Remediation Plan
Case Number: 083003807T
Local Case Num: 01UT002

Case Type: Other ground water affected

Substance: Gasoline Qty Leaked: 0

Abate Method: Not reported Cross Street: Not reported Enf Type: SEL

Funding: Not reported UM How Discovered: How Stopped: NPP Leak Cause: Unknown Leak Source: Piping T0605999286 Global ID: How Stopped Date: 9/9/9999 Enter Date: Not reported

Date Preliminary Assessment Began: 3/20/2001 Discover Date: 1/11/2001 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: 1/11/2001 Date Pollution Characterization Began: 5/20/2002 Date Remediation Plan Submitted: 11/4/2003 Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies: = Soil Qualifies: =

Operator: Not reported Facility Contact: Not reported Interim: Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL OIL (Continued) S104576651

Oversite Program: LUST Latitude: 33.763879 Longitude: -118.077764 MTBE Date: 12/10/2001 Max MTBE GW: 170000 MTBE Concentration: 0 Max MTBE Soil: 18100 MTBE Fuel: 1

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: RS Staff: Staff Initials: SS

Local Agency Lead Agency: Local Agency: 30000L Hydr Basin #: Not reported MUN Beneficial: Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

S100851857 C14 MOBIL #18-GQT LUST SW 12240 SEAL BEACH HIST CORTESE N/A

1/8-1/4 SEAL BEACH, CA 90740

0.227 mi.

1197 ft. Site 6 of 7 in cluster C

LUST: Relative:

ORANGE COUNTY LOP Lead Agency: Lower Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901001

17 ft. T0605901001 Global Id: Latitude: 33.7848024 Longitude: -118.071733

Status: Completed - Case Closed

Status Date: 04/08/1993 Case Worker: OT 083001309T RB Case Number:

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 89UT142 Potential Media Affect: Soil

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline

Site History: Not reported

LUST:

T0605901001 Global Id:

Contact Type: Local Agency Caseworker

Contact Name: **OSMAN TABAN** ORANGE COUNTY LOP Organization Name:

Address: 1241 EAST DYER ROAD SUITE 120

City: SANTA ANA Email: otaban@ochca.com Phone Number: 7144336254

Global Id: T0605901001

Regional Board Caseworker Contact Type:

ROSE SCOTT Contact Name:

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL #18-GQT (Continued) S100851857

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: rose.scott@waterboards.ca.gov

Phone Number: 9513206375

LUST:

Global Id: T0605901001
Action Type: Other
Date: 08/07/1989
Action: Leak Discovery

 Global Id:
 T0605901001

 Action Type:
 Other

 Date:
 08/07/1989

 Action:
 Leak Reported

LUST:

Global Id: T0605901001

Status: Open - Case Begin Date

Status Date: 08/07/1989

Global Id: T0605901001

Status: Completed - Case Closed

Status Date: 04/08/1993

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605999286

 Global Id:
 T0605999286

 Latitude:
 33.784625988

 Longitude:
 -118.0718515

Status: Open - Verification Monitoring

 Status Date:
 06/18/2014

 Case Worker:
 OT

 RB Case Number:
 083003807T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 01UT002

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline

Site History: Please refer to recent Site Documents or Monitoring Reports in

GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports

submitted by consultants for the responsible party.

LUST:

Global Id: T0605999286

Contact Type: Local Agency Caseworker

Contact Name: OSMAN TABAN
Organization Name: ORANGE COUNTY LOP

Address: 1241 EAST DYER ROAD SUITE 120

City: SANTA ANA
Email: otaban@ochca.com
Phone Number: 7144336254

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

MOBIL #18-GQT (Continued)

S100851857

EDR ID Number

Global Id: T0605999286

Contact Type: Regional Board Caseworker

Contact Name: ROSE SCOTT

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: rose.scott@waterboards.ca.gov

Phone Number: 9513206375

LUST:

 Global Id:
 T0605999286

 Action Type:
 RESPONSE

 Date:
 12/22/2014

Action: Other Workplan - Regulator Responded

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 05/21/2014

Action: Notification - Public Notice of Case Closure

Global Id: T0605999286
Action Type: RESPONSE
Date: 12/22/2014

Action: Site Investigation Workplan - Regulator Responded

 Global Id:
 T0605999286

 Action Type:
 RESPONSE

 Date:
 12/22/2014

Action: Site Investigation Workplan - Regulator Responded

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 03/09/2010

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 01/12/2011

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 11/19/2016

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 REMEDIATION

 Date:
 12/30/2003

Action: In Situ Physical/Chemical Treatment (other than SVE)

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 05/22/2014

Action: Notification - Public Participation Document

Global Id: T0605999286
Action Type: ENFORCEMENT

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL #18-GQT (Continued)

S100851857

Date: 03/12/2007 Staff Letter Action:

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 08/31/2004 Action: Staff Letter

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 06/14/2007 Action: Staff Letter

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 11/04/2003 Action: Staff Letter

Global Id: T0605999286 **ENFORCEMENT** Action Type: Date: 04/23/2008 Action: Staff Letter

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 02/02/2004 Action: Staff Letter

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 09/16/2008 Action: Staff Letter

Global Id: T0605999286 Action Type: **ENFORCEMENT** 07/16/2009 Date: Action: Staff Letter

Global Id: T0605999286 **ENFORCEMENT** Action Type: Date: 05/21/2014

Action: Notification - Public Notice of Case Closure

Global Id: T0605999286 Action Type: **RESPONSE** Date: 07/28/2015

Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0605999286 Action Type: **ENFORCEMENT** 10/18/2012 Date: Action: File review

Global Id: T0605999286 Action Type: Other Date: 01/11/2001 Action: Leak Began

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

MOBIL #18-GQT (Continued)

S100851857

 Global Id:
 T0605999286

 Action Type:
 REMEDIATION

 Date:
 08/18/2006

 Action:
 Excavation

 Global Id:
 T0605999286

 Action Type:
 REMEDIATION

 Date:
 11/06/2007

Action: In Situ Physical/Chemical Treatment (other than SVE)

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 03/13/2007

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 05/09/2008

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 04/11/2005

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 10/29/2003

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 03/23/2015

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 06/17/2015

 Action:
 File review

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 09/17/2013

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 Other

 Date:
 01/11/2001

 Action:
 Leak Discovery

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 10/22/2015

 Action:
 Staff Letter

Global Id: T0605999286 Action Type: RESPONSE

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

MOBIL #18-GQT (Continued)

S100851857

Date: 09/17/2014

Action: Soil and Water Investigation Workplan - Regulator Responded

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 01/22/2013

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 04/30/2009

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 02/21/2013

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 05/21/2014

Action: Notification - Public Notice of Case Closure

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 06/11/2004

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 01/11/2008

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 05/19/2008

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 10/06/2006

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 11/09/2007

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 11/10/2006

 Action:
 Staff Letter

 Global Id:
 T0605999286

 Action Type:
 ENFORCEMENT

 Date:
 11/13/2006

 Action:
 Staff Letter

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL #18-GQT (Continued)

S100851857

Global Id: T0605999286 **ENFORCEMENT** Action Type: 11/09/2006 Date: Action: Staff Letter

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 11/20/2006 Action: Staff Letter

T0605999286 Global Id: Action Type: **ENFORCEMENT** 07/03/2014 Date: Action: Staff Letter

Global Id: T0605999286 Other Action Type: 01/15/2001 Date: Action: Leak Stopped

Global Id: T0605999286 Action Type: Other Date: 01/15/2001 Action: Leak Reported

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 03/17/2009 Action: Staff Letter

Global Id: T0605999286 Action Type: **ENFORCEMENT** Date: 11/18/2013 Action: Staff Letter

Global Id: T0605999286 Action Type: **RESPONSE** Date: 11/05/2014

Action: Monitoring Report - Annually - Regulator Responded

T0605999286 Global Id: Action Type: **RESPONSE** Date: 11/14/2016

Action: Well Destruction Workplan - Regulator Responded

Global Id: T0605999286 Action Type: **RESPONSE** Date: 12/22/2014

Action: Site Investigation Workplan - Regulator Responded

T0605999286 Global Id: Action Type: **ENFORCEMENT** 03/31/2016 Date: Action: Staff Letter

Global Id: T0605999286 Action Type: **RESPONSE**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL #18-GQT (Continued)

S100851857

12/06/2012 Date:

Well Installation Workplan - Regulator Responded Action:

Global Id: T0605999286 Action Type: **RESPONSE** 11/26/2013 Date:

Action: Request for Closure - Regulator Responded

Global Id: T0605999286 Action Type: REMEDIATION Date: 06/04/2008

Pump & Treat (P&T) Groundwater Action:

LUST:

Global Id: T0605999286

Open - Case Begin Date Status:

01/11/2001 Status Date:

Global Id: T0605999286

Status: Open - Site Assessment

01/11/2001 Status Date:

Global Id: T0605999286

Status: Open - Site Assessment

03/20/2001 Status Date:

Global Id: T0605999286

Status: Open - Site Assessment

Status Date: 05/20/2002

Global Id: T0605999286 Status: Open - Remediation

11/04/2003 Status Date:

Global Id: T0605999286 Status: Open - Remediation

Status Date: 02/04/2005

T0605999286 Global Id:

Status: Open - Eligible for Closure

Status Date: 10/22/2013

Global Id: T0605999286

Open - Verification Monitoring Status:

Status Date: 06/18/2014

ORANGE CO. LUST:

ORANGE Region: Facility Id: 01UT002

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Not reported Date Closed: Record ID: RO0002101

HIST CORTESE:

CORTESE Region:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOBIL #18-GQT (Continued) S100851857

Facility County Code: 30 **LTNKA** Reg By: 083001309T Reg Id:

C15 **MOBIL OIL** LUST S120834796 wsw

12240 W SEAL BEACH BLVD N/A

1/8-1/4 SEAL BEACH, CA 90740

0.234 mi.

1233 ft. Site 7 of 7 in cluster C ORANGE CO. LUST: Relative:

ORANGE Region: Lower Facility Id: 89UT142

Actual: Released Substance: Waste oil/Used oil; Gasoline-Automotive (motor gasoline and

16 ft. additives), leaded & unleaded

Date Closed: 04/08/1993 Record ID: RO0002540

AGROMIN LOS ALAMITOS COMPOST OPERATIONS 16

ΝE **4216 CONSTITUTION AVE.** 1/4-1/2 LOS ALAMITOS, CA

0.266 mi. 1402 ft.

SWF/LF (SWIS): Relative:

Region: STATE Higher Facility ID: 30-AB-0446

Actual: 33.78834 / -118.04689 Lat/Long:

24 ft. Owner Name: U.S. Army Corps of Engineers-LA District

> Owner Telephone: 5627952090 Owner Address: James P Combs

Owner Address2: 4522 Saratoga Ave., Bldg 15 Owner City, St, Zip: Los Alamitos, CA 90720

Operational Status: Inactive

Operator: Agromin Orange, LLC

8054859200 Operator Phone: Operator Address: Bill Camarillo Operator Address2: 201 Kinetic Dr. Operator City, St, Zip: Oxnard, CA 93030 Permit Date: 07/02/2009 Permit Status: Notification Permitted Acreage: \$11.90

Activity: Composting Operation (Ag)

Regulation Status: Notification

Landuse Name: Residential, Golf Course

GIS Source: Мар Composting Category: Unit Number: 01 Inspection Frequency: None

Agricultural, Green Materials, Wood waste Accepted Waste:

Closure Date: Not reported Closure Type: Not reported Disposal Acreage: Not reported SWIS Num: 30-AB-0446 Waste Discharge Requirement Num: Not reported Program Type: Not reported SWF/LF

S109689911

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number**

AGROMIN LOS ALAMITOS COMPOST OPERATIONS (Continued)

S109689911

EDR ID Number

Permitted Throughput with Units: Not reported Actual Throughput with Units: Tons/day Permitted Capacity with Units: Not reported Remaining Capacity: Not reported Remaining Capacity with Units: Tons/year Lat/Long: 33.78834 / -118.04689

D17 **TOSCO CORPORATION STATION #30705** LUST S113076078

12071 SEAL BEACH BLVD **HAZNET** N/A

SEAL BEACH, CA 90740 1/4-1/2

0.266 mi.

wsw

1407 ft. Site 1 of 6 in cluster D

ORANGE CO. LUST: Relative:

ORANGE Lower Region: Facility Id: 98UT050

Actual: Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

18 ft. Date Closed: 08/07/2012 RO0002291 Record ID:

HAZNET:

envid: S113076078

Year: 2002

GEPAID: CAL000139162 Contact: HAZMAT SPECIALIST

Telephone: 6027284180 Mailing Name: Not reported Mailing Address: PO BOX 52085

Mailing City,St,Zip: PHOENIX, AZ 850722085

Gen County: Not reported TSD EPA ID: CAD028409019 TSD County: Not reported

Unspecified aqueous solution Waste Category:

Disposal Method: Treatment, Tank

Tons: 0.22 Cat Decode: Not reported Method Decode: Not reported

Facility County: Orange

S113076078 envid: Year: 2001

GEPAID: CAL000139162

Contact: HAZMAT SPECIALIST

Telephone: 6027284180 Mailing Name: Not reported Mailing Address: PO BOX 52085

Mailing City,St,Zip: PHOENIX, AZ 850722085

Not reported Gen County: CAD028409019 TSD EPA ID: TSD County: Not reported

Waste Category: Unspecified aqueous solution

Disposal Method: **Transfer Station**

Tons: 0.12

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

Distance

Elevation Site Database(s) EPA ID Number

TOSCO CORPORATION STATION #30705 (Continued)

S113076078

EDR ID Number

envid: \$113076078 Year: 1998

GEPAID: CAL000139162 Contact: TOSCO MARKETING

Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: P O BOX 52085

Mailing City, St, Zip: PHOENIX, AZ 850722085

Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported

Waste Category: Waste oil and mixed oil

Disposal Method: Recycler
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: \$113076078

Year: 1998

GEPAID: CAL000139162 Contact: TOSCO MARKETING

Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: P O BOX 52085

Mailing City, St, Zip: PHOENIX, AZ 850722085

Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Tank bottom waste

Disposal Method: Recycler
Tons: .4170
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: \$113076078 Year: 1998

GEPAID: CAL000139162 Contact: TOSCO MARKETING

Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: P O BOX 52085

Mailing City, St, Zip: PHOENIX, AZ 850722085

Gen County: Not reported
TSD EPA ID: CAD982484933
TSD County: Not reported

Waste Category: Empty containers less than 30 gallons

Disposal Method: Disposal, Other

Tons: 1.0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

<u>Click this hyperlink</u> while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

Direction Distance

Distance EDR ID Number
Elevation Site EPA ID Number

D18 CHEVRON LUST S102426627

WSW 12541 SEAL BEACH SWEEPS UST N/A 1/4-1/2 SEAL BEACH, CA 90740 HIST CORTESE

0.266 mi.

1407 ft. Site 2 of 6 in cluster D

Relative: LUST:

Lower Lead Agency: ORANGE COUNTY LOP

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605940167

 Global Id:
 T0605940167

 Latitude:
 33.78061388

 Longitude:
 -118.072294884

Status: Completed - Case Closed

Status Date: 09/26/2014 Case Worker: KL

RB Case Number: Not reported

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 86UT028

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Diesel, Gasoline

Site History: Please refer to recent Site Documents or Monitoring Reports in

GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports

submitted by consultants for the responsible party.

LUST:

Global Id: T0605940167

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA

Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605940167

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)

Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

 Global Id:
 T0605940167

 Action Type:
 RESPONSE

 Date:
 08/09/2012

Action: Clean Up Fund - 5-Year Review Summary

 Global Id:
 T0605940167

 Action Type:
 Other

 Date:
 07/20/1994

 Action:
 Leak Discovery

Global Id: T0605940167
Action Type: ENFORCEMENT

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

Date: 12/03/2013

Action: Clean Up Fund - Letter to RP

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 07/07/2010

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 10/09/2008

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 REMEDIATION

 Date:
 04/04/1995

Action: Soil Vapor Extraction (SVE)

 Global Id:
 T0605940167

 Action Type:
 REMEDIATION

 Date:
 06/06/2002

Action: In Situ Physical/Chemical Treatment (other than SVE)

 Global Id:
 T0605940167

 Action Type:
 REMEDIATION

 Date:
 01/06/2004

Action: In Situ Physical/Chemical Treatment (other than SVE)

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 09/07/2012

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 06/27/2011

 Action:
 File review

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 12/21/2009

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 07/16/2009

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 02/07/2014

Action: Clean Up Fund - Letter to RP

 Global Id:
 T0605940167

 Action Type:
 Other

 Date:
 07/20/1994

 Action:
 Leak Began

Direction Distance Elevation

nce EDR ID Number tition Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 09/26/2014

Action: Closure/No Further Action Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 08/01/2007

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 07/26/2004

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 11/17/2005

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 04/26/2005

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 03/19/2003

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 10/01/2003

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 03/31/2005

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 09/21/2010

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 10/03/2011

 Action:
 Staff Letter

Global Id: T0605940167
Action Type: RESPONSE
Date: 03/27/2010

Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605940167
Action Type: ENFORCEMENT

Direction Distance Elevation

nce EDR ID Number tition Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

Date: 01/18/2011 Action: Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 07/05/2011

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 07/21/2008

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 07/17/2012

 Action:
 Staff Letter

Global Id: T0605940167
Action Type: RESPONSE
Date: 09/12/2014

Action: Well Destruction Report

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 02/07/2014

Action: Clean Up Fund - Letter to RP

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 04/07/2011

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 Other

 Date:
 07/20/1994

 Action:
 Leak Reported

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 11/03/2004

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 06/03/2008

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 03/01/2012

 Action:
 Staff Letter

 Global Id:
 T0605940167

 Action Type:
 ENFORCEMENT

 Date:
 12/16/2013

Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Direction Distance

Elevation Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

Global Id: T0605940167
Action Type: ENFORCEMENT
Date: 10/17/2013

Action: Site Visit / Inspection / Sampling

Global Id: T0605940167
Action Type: ENFORCEMENT
Date: 03/25/2014

Action: State Water Board Closure Order

 Global Id:
 T0605940167

 Action Type:
 RESPONSE

 Date:
 09/07/2007

 Action:
 Other Workplan

LUST:

Global Id: T0605940167

Status: Open - Case Begin Date

Status Date: 07/20/1994

Global Id: T0605940167 Status: Open - Remediation

Status Date: 04/04/1995

Global Id: T0605940167 Status: Open - Remediation

Status Date: 06/06/2002

Global Id: T0605940167

Status: Open - Eligible for Closure

Status Date: 07/09/2013

Global Id: T0605940167

Status: Completed - Case Closed

Status Date: 09/26/2014

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900079

Global Id: T0605900079
Latitude: 33.7808745
Longitude: -118.0722139

Status: Completed - Case Closed

 Status Date:
 02/05/1992

 Case Worker:
 OT

 RB Case Number:
 083000102T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency
Local Case Number: 90UT202
Potential Media Affect: Soil

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating

Site History: Not reported

LUST:

Global Id: T0605900079

Contact Type: Local Agency Caseworker

Direction Distance

Elevation Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

Contact Name: OSMAN TABAN

Organization Name: ORANGE COUNTY LOP

Address: 1241 EAST DYER ROAD SUITE 120

City: SANTA ANA
Email: otaban@ochca.com
Phone Number: 7144336254

Global Id: T0605900079

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

 Global Id:
 T0605900079

 Action Type:
 Other

 Date:
 07/18/1990

 Action:
 Leak Discovery

 Global Id:
 T0605900079

 Action Type:
 Other

 Date:
 07/18/1990

 Action:
 Leak Reported

LUST:

Global Id: T0605900079

Status: Open - Case Begin Date

Status Date: 07/18/1990

Global Id: T0605900079

Status: Completed - Case Closed

Status Date: 02/05/1992

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 90UT202
Released Substance: Waste oil/Used oil
Date Closed: 02/05/1992
Record ID: RO0001773

Region: ORANGE Facility Id: 86UT028

Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4; Gasoline-Automotive

(motor gasoline and additives), leaded & unleaded

Date Closed: Not reported Record ID: RO0001414

LUST REG 8:

Region: 8
County: Orange

Regional Board: Santa Ana Region

Direction Distance Elevation

vation Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

Facility Status:

Case Closed
Case Number:

Docal Case Num:

Out 202
Case Type:

Soil only
Substance:

Waste Oil

Out 1 acked:

Qty Leaked: 0 Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Funding: Not reported Tank Closure How Discovered: How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown Global ID: T0605900079 How Stopped Date: 9/9/9999 Not reported Enter Date: Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported 7/18/1990 Discover Date: **Enforcement Date:** Not reported Close Date: 2/5/1992 Not reported Date Prelim Assessment Workplan Submitted: Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Not reported Operator:

Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.7808745 Latitude: Longitude: -118.0722139 MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration: 0

MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.

Not reported

MTBE Class:

Staff: TME Staff Initials: SS

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported
Not reported

Summary: Not reported

Max MTBE Soil:

Region: 8
County: Orange

Regional Board: Santa Ana Region

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CHEVRON (Continued) S102426627

Not reported

Not reported

Facility Status: Remediation Plan Case Number: Not reported 86UT028 Local Case Num:

Other ground water affected Case Type:

12034,800661 Substance:

Qty Leaked:

Abate Method: Not reported Cross Street: Not reported Enf Type: SEL

Tank Closure How Discovered: Close Tank How Stopped: Leak Cause: Unknown Leak Source: Tank T0605940167 Global ID: How Stopped Date: 9/9/9999 Not reported Enter Date: Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 7/20/1994 **Enforcement Date:** Not reported Close Date: Not reported Not reported Date Prelim Assessment Workplan Submitted: Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: 4/4/1995 Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported

GW Qualifies: ND Soil Qualifies:

Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST Latitude: Not reported Longitude: Not reported MTBE Date: 1/7/2002 Max MTBE GW: 2340 MTBE Concentration: 0 Max MTBE Soil: 0 MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class:

Enter Date:

Funding:

TME Staff: Staff Initials: SS

Lead Agency: Local Agency Local Agency: 30000L Hydr Basin #: Not reported MUN Beneficial: Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

SWEEPS UST:

Status: Not reported Comp Number: 3671

Direction Distance Elevation

levation Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-003671-000002

Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported

Number Of Tanks: 1

Status: Active Comp Number: 3671 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 04-03-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-003671-000003

Tank Status:

Capacity: 10000
Active Date: Not reported Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED

Number Of Tanks: 4

Status: Active Comp Number: 3671 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 04-03-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-003671-000004

Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: LEADED
Number Of Tanks: Not reported

Status: Active Comp Number: 3671 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 04-03-92 Created Date: 02-29-88 Owner Tank Id: Not reported

Direction
Distance

Elevation Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

SWRCB Tank ld: 30-000-003671-000005

Tank Status: A
Capacity: 7000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED Number Of Tanks: Not reported

Status: Active Comp Number: 3671 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 04-03-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-003671-000006

Tank Status: A
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: DIESEL Number Of Tanks: Not reported

Status: Active Comp Number: 13604 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-013604-000004

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED

Number Of Tanks: 4

Status: Active
Comp Number: 13604
Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-013604-000005

Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: F

Direction Distance

Elevation Site Database(s) EPA ID Number

CHEVRON (Continued) S102426627

Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 13604
Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-013604-000006

Tank Status: A
Capacity: 7000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED Number Of Tanks: Not reported

Status: Active Comp Number: 13604 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-013604-000007

Tank Status: A
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: DIESEL Number Of Tanks: Not reported

HIST CORTESE:

 Region:
 CORTESE

 Facility County Code:
 30

 Reg By:
 LTNKA

 Reg Id:
 083000102T

 D19
 ROSSMOOR CLEANERS
 RCRA-SQG
 1000383448

 WSW
 12441 SEAL BEACH BLVD
 SLIC
 CAD980889315

1/4-1/2 SEAL BEACH, CA 90740 Orange Co. Industrial Site 0.266 mi.

1407 ft. Site 3 of 6 in cluster D ECHO
DRYCLEANERS

Relative: EMI
Lower HAZNET

Actual: RCRA-SQG:

18 ft. Date form received by agency: 09/09/1986

Facility name: ROSSMOOR CLEANERS
Facility address: 12441 SEAL BEACH BLVD

SEAL BEACH, CA 90740

Direction Distance Elevation

vation Site Database(s) EPA ID Number

ROSSMOOR CLEANERS (Continued)

1000383448

EDR ID Number

EPA ID: CAD980889315

Contact: ENVIRONMENTAL MANAGER
Contact address: 12441 SEAL BEACH BLVD

SEAL BEACH, CA 90740

Contact country: US

Contact telephone: 213-430-3202 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: YOO YONG
Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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

Direction Distance

Elevation Site Database(s) EPA ID Number

ROSSMOOR CLEANERS (Continued)

1000383448

EDR ID Number

Used oil transfer facility: No Used oil transporter: No

Violation Status: No violations found

SLIC:

Region: STATE

Facility Status: Completed - Case Closed

 Status Date:
 05/19/2008

 Global Id:
 \$L605992761

Lead Agency: SANTA ANA RWQCB (REGION 8)

Lead Agency Case Number: Not reported Latitude: 33.78191
Longitude: -118.071179

Case Type: Cleanup Program Site

Case Worker: NA

Local Agency: Not reported RB Case Number: Not reported File Location: Not reported Potential Media Affected: Not reported Potential Contaminants of Concern: Not reported Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Orange Co. Industrial Site:

Case ID: 02IC009
Record ID: RO0003063
Current Status: CLOSED 8/23/2002
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE

FINDS:

Registry ID: 110002675463

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

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000383448 Registry ID: 110002675463

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002675463

Direction Distance

Elevation Site Database(s) EPA ID Number

ROSSMOOR CLEANERS (Continued)

1000383448

EDR ID Number

DRYCLEANERS:

EPA Id: CAD980889315

NAICS Code: 81232

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

SIC Code: 7211

SIC Description: Power Laundries, Family and Commercial

Create Date: 04/10/1987
Facility Active: No

Inactive Date: 05/13/2004
Facility Addr2: Not reported
Owner Name: YONG S YOO
Owner Address: 16450 LADONA CIR
Owner Address 2: Not reported
Owner Telephone: 7148403092
Contact Name: YONG S YOO

Contact Address: 12441 SEAL BEACH BLVD

Contact Address 2: Not reported Contact Telephone: 5624303202 Mailing Name: Not reported

Mailing Address 1: 12231 SEAL BEACH BLVD

Mailing Address 2: Not reported Mailing City: SEAL BEACH

Mailing State: CA
Mailing Zip: 907400000
Owner Fax: Not reported

Region Code: 4

EMI:

 Year:
 1987

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 15097

 Air District Name:
 SC

 SIC Code:
 7216

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1990

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 15097

 Air District Name:
 SC

 SIC Code:
 7216

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0

Direction Distance

Elevation Site Database(s) EPA ID Number

ROSSMOOR CLEANERS (Continued)

1000383448

EDR ID Number

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HAZNET:

envid: 1000383448
Year: 2004
GEPAID: CAD980889315
Contact: YONG S YOO
Telephone: 5624303202
Mailing Name: Not reported

Mailing Address: 12231 SEAL BEACH BLVD
Mailing City,St,Zip: SEAL BEACH, CA 907400000

Gen County: Not reported
TSD EPA ID: NVR000076158
TSD County: Not reported

Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)

Disposal Method: Not reported

Tons: 0.12

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

envid: 1000383448 Year: 2002

GEPAID: CAD980889315
Contact: YONG S YOO
Telephone: 5624303202
Mailing Name: Not reported

Mailing Address: 12231 SEAL BEACH BLVD
Mailing City,St,Zip: SEAL BEACH, CA 907400000

Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported

Waste Category: Contaminated soil from site clean-up

Disposal Method: Not reported

Tons: 46

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

envid: 1000383448 Year: 2002

GEPAID: CAD980889315
Contact: YONG S YOO
Telephone: 5624303202
Mailing Name: Not reported

Mailing Address: 12231 SEAL BEACH BLVD
Mailing City,St,Zip: SEAL BEACH, CA 907400000

Gen County: Not reported TSD EPA ID: NVT330010000 TSD County: Not reported

Waste Category: Contaminated soil from site clean-up

Disposal Method: Disposal, Land Fill

Tons: 2877

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROSSMOOR CLEANERS (Continued)

1000383448

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

envid: 1000383448 Year: 2002

GEPAID: CAD980889315 Contact: YONG S YOO Telephone: 5624303202 Mailing Name: Not reported

Mailing Address: 12231 SEAL BEACH BLVD Mailing City, St, Zip: SEAL BEACH, CA 907400000

Gen County: Not reported TSD EPA ID: NVT330010000 TSD County: Not reported

Waste Category: Contaminated soil from site clean-up

Disposal Method: Treatment, Incineration

Tons:

Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

envid: 1000383448

Year: 2000 GEPAID:

CAD980889315 Contact: YONG S YOO Telephone: 5624303202 Mailing Name: Not reported

Mailing Address: 12231 SEAL BEACH BLVD Mailing City, St, Zip: SEAL BEACH, CA 907400000

Gen County: Not reported TSD EPA ID: CAD981397417 TSD County: Not reported

Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene,

Recycler Disposal Method: Tons: 0.35 Cat Decode: Not reported Method Decode: Not reported Facility County: Orange

> Click this hyperlink while viewing on your computer to access 5 additional CA_HAZNET: record(s) in the EDR Site Report.

D20 **ROSSMOOR CLEANERS WSW** 12441 SEAL BEACH BLVD. **SEAL BEACH, CA**

1/4-1/2 0.266 mi.

1407 ft. Site 4 of 6 in cluster D

SLIC REG 8: Relative:

Lower Type: Groundwater Facility Status: Initial Investigation Underway

Actual: Staff: NA 18 ft. Substance: PCE

> Regional Board Lead Agency: Location Code: Not reported Thomas Bros Code: Not reported

S105502118

N/A

SLIC

Direction Distance

Elevation **EPA ID Number** Site Database(s)

D21 GOODYEAR (FORMER) WASTE DUMPSTER AREA AT ROSSMOOR SLIC S108201221 **WSW** N/A

12239 SEAL BEACH BOULEVARD

1/4-1/2 SEAL BEACH, CA 90740

0.266 mi.

1407 ft. Site 5 of 6 in cluster D

SLIC: Relative: Region: STATE Lower

Facility Status: Completed - Case Closed

Actual: Status Date: 05/18/2016 18 ft. Global Id: T10000001524

> SANTA ANA RWQCB (REGION 8) Lead Agency:

Lead Agency Case Number: Not reported Latitude: 33.784716 Longitude: -118.072968

Case Type: Cleanup Program Site

Case Worker: PAH Local Agency: Not reported Not reported RB Case Number: File Location: Regional Board

Potential Media Affected: Aquifer used for drinking water supply, Other Groundwater (uses other

than drinking water), Soil

Potential Contaminants of Concern: Benzene, Toluene, Xylene, Gasoline

Site History:

Site Background The Goodyear Tire Store occupied the site between

1994 and June 2004. Waste materials were stored in a dumpster area located south of the former building and west of the Parasol building, which was occupied by a restaurant. Goodyear personnel also

used this area to work on cars, and stored containers of waste materials along the buildings wall. The pavement in this area was reported to be degraded. The property was redeveloped, and the Goodyear building was demolished in 2006. Investigation Activities A soil boring was drilled for geotechnical purposes, at a location several feet east of the dumpster and waste storage area. Vapor measurements detected hydrocarbons in the soil samples. In October 2004, WEI was contracted by the property owner, Century National Properties, Inc. (CNP), to investigate the site. WEI staff drilled two soil borings, P-S and P-GW. Soil samples were collected from soil boring P-S at five foot intervals, to a depth of 20 feet below ground surface (bgs). The soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and volatile organic compounds (VOCs). TPH-G was detected in all four soil samples, ranging from 6.0 milligrams/kilogram (mg/kg) to 5,000 mg/kg. Benzene was also detected in all four samples, ranging from 0.063 mg/kg to 22 mg/kg. Elevated concentration of toluene, ethylbenzene, and xylene were also detected. Methyl tert-butyl ether (MTBE) or other oxygenate compounds were not detected in the soil samples. Groundwater was encountered at

23 feet bgs in boring P-GW. A water sample was collected using a Hydropunch sampler, and submitted for laboratory analysis for VOCs. The analytical results of the groundwater sample showed high concentrations of benzene at 12,000 microgram/liter (a%g/l), toluene at 18,000 a%g/l, ethylbenzene at 5,500 a%g/l, xylene at 31,000 a%g/l, 1,2-dichloroethane (1,2-DCA) at 480 a%g/l and naphthalene at 1,200 a%q/l. MTBE or other oxygenate compounds were not detected in the groundwater sample. A probe for collection of soil vapor sample was also installed in the area. No VOCs were detected in the soil vapor sample. In November 2004, WEI drilled eight additional soil borings (IR-1 through IR-4 and OR-1 through OR-4) for collection of soil and groundwater samples. The soil samples were analyzed for TPH and VOCs.

TPH concentrations ranged from <5 mg/kg to 1,200 mg/kg (10 foot

Map ID MAP FINDINGS
Direction

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

GOODYEAR (FORMER) WASTE DUMPSTER AREA AT ROSSMOOR CENTER (Continued)

S108201221

sample from boring IR-1). Benzene concentrations ranged from <0.0018 mg/kg to 4.6 mg/kg (10 foot sample from boring IR-1). Toluene, ethylbenzene, xylene,1,2,4-trimethylbenzene, and 1,3,5trimethylbenzene were also detected in the soil samples. Laboratory analysis of the groundwater samples found concentrations of benzene ranging from <2 to 180 a%g/l, 1,2-DCA ranging from <2.0 a%g/l to 13 a%g/l, and other VOCs. No VOCs were detected in the water samples from borings IR-4, OR-1, or OR-3. In 2006, SECOR International, Inc. (SECOR) was retained by Goodyear to evaluate the site. Eleven soil borings were drilled to determine the extent of petroleum contaminated soil. Benzene concentrations in the soil ranged from 0.004 mg/kg to 25 mg/kg. TPH-G ranged from <0.39 mg/kg to 23,000 mg/kg. Three of the eleven soil borings were drilled at an angle under the Parasol building. Concentrations of TPH-G (4,800 mg/kg) and TPH-diesel (210 mg/kg) were detected only in boring PO-01 in the 10 foot soil sample (8.7 feet bgs). No VOCs were detected. SECOR also installed two nested pairs of groundwater monitoring wells (MW-1 and MW-2). The wells were screened in two zones (upper 7 to 20 feet bgs and lower 25 to 40 feet bgs). Two additional boreholes were drilled and constructed as single cased wells VE-1 and VE-2. The wells were constructed of 4-inch PVC and screened at 25 to 40 feet bgs (VE-1) and 7 to 20 feet bgs (VE-2). SECOR conducted vapor extraction and dual phase extraction tests using these wells. The tests produced very low recoveries of soil vapor and groundwater and SECOR determine that the method was not a feasible remediation method. Soil Excavation September 2006, WEI was contracted by CNP to perform remedial activities at the Site. WEI selected excavation and offsite disposal as the initial remedial method. Soil was excavated to a depth of 20 to 22 feet to remove contaminated soil. Very moist soil was encountered at 18 feet bgs. The excavation could not be extended beyond 22 feet bgs do to slumping and caving of the moist sandy soil. Approximately 567 cubic yards of soil was removed from the excavation. The excavated soils were transported offsite to U. S. Ecology, Inc. in Beatty, Nevada for treatment and recycling. No confirmation soil or water samples were collected from the excavation, because soil vapor and groundwater extraction and treatment were expected to remove the residual concentrations of VOCs and petroleum compounds. The excavation was backfilled with pea gravel from 22 feet bgs to approximately 10 feet bgs. An impermeable plastic liner was placed on top of the gravel. Clean soil was placed on top of the liner to grade surface. Soil Vapor and Groundwater Extraction In October 2006, WEI installed three soil vapor and groundwater extraction wells (MW-3-W, MW-4-W and MW-5-W) in the former excavation. The boreholes were drilled to between 39 and 50 feet bgs. The wells were constructed of 4-inch diameter, schedule 40 PVC casing and slotted screen. The screens were set from the bottom of each borehole to between 9 and 12 feet bgs. Groundwater samples were collected and analyzed for TPH-G and VOCs. TPH-G concentrations ranged from 26,000 to 54,000 a%g/l (MW-5-W). Benzene concentrations ranged from 4,700 to 28,000 a%g/I (MW-4-W). Concentrations of 1,2-DCA ranged from 4.9 to 53.0 a%g/l (MW-3-W). Napthalene concentrations ranged from <1 to 500 a%g/l (MW-5-W). Toluene, ethylbenzene, xylene, 1,2,4 trimethylbenzene and 1,3,5 trimethylbenzene were also detected in the groundwater samples. WEI installed a soil vapor and groundwater extraction and treatment system. The wells that were installed in the former excavation area (MW-3-W, MW-4-W and MW-5-W) were hooked up to the treatment system. Extracted soil vapor was

Distance

Elevation

Site Database(s)

EDR ID Number e(s) EPA ID Number

GOODYEAR (FORMER) WASTE DUMPSTER AREA AT ROSSMOOR CENTER (Continued)

S108201221

treated with a portable electric thermal/catalytic oxidizer. The extracted groundwater was placed in a 4,000-gallon above ground tank, and then was batch treated by passing it through activated carbon vessels before discharging it to the sanitary sewer. The SVE system was started on October 13, 2006, and the groundwater pump-and-treat system was brought on line on October 19, 2006. WEI collected soil vapor samples at the start of the SVE operation. Soil vapor at each well was initially screened with a Huruba Organic Vapor Analyzer, and the results were 1,200 parts per million by volume (ppmv) (MW-3-W), 1,500 ppmv (MW-4-W), and 800 ppmv (MW-5-W). On October 19, 2006, soil vapor samples were collected and submitted to a laboratory for analysis. The TPH-G vapor concentrations ranged from 110 ppmv (MW-5-W) to 1,200 ppmv (MW-4-W). Benzene vapor concentrations ranged from 0.62 ppmv (MW-5-W) to 9.20 ppmv (MW-4-W). Both treatment systems were shut down by January 11, 2007. Soil vapor and groundwater samples were collected from the three wells just prior to shut-down. TPH-G concentrations in soil vapor ranged from 26 to 69 ppmv and benzene concentrations ranged from non-detect to 0.62 ppmv. Analytical results for the groundwater samples also showed significant decreases in concentrations of benzene (ranging from 21 to 380 a%g/l) and TPH-G (ranging from 330 to 4,300 a%g/l). WEI estimated that the treatment system recovered and treated approximately 1.399 pounds of hydrocarbon vapor, and discharged 1,730,000 gallons of treated groundwater to the sanitary sewer. Verification sampling On February 9, 2007, WEI drilled three soil borings (VB-1 through 3), installed six soil vapor sampling points (SG-1 through 6), and advanced a boring (HP-1) for collection of a groundwater sample with a Hydropunch sampler. Soil vapor and groundwater samples were analyzed onsite at a mobile lab. The samples were analyzed for TPH-G by EPA method 8015m and VOCs by EPA method 8260B. Soil borings were advanced to approximately 30 feet bgs adjacent to the former excavation. Soil samples were collected at five foot intervals, starting at 10 feet. Analytical results for the soil samples showed concentrations of TPH-G and benzene in all of the samples. Benzene concentrations ranged from <1 to 50.3 mg/kg (VB-2). The deepest sample with the maximum benzene concentration of 6.6 mg/kg was collected at 30 feet from boring VB-2. TPH-G concentrations ranged from <0.200 to 48,000 mg/kg (VB-2). Six soil vapor probes were installed through the floor of the Parasol building to collect vapor samples at 5 feet bgs. The probes were completed with a sampling tube and a filter stone at the bottom. Soil gas samples were collected 24 hours after installation of the probes, and analyzed at an onsite mobile laboratory. VOCs and TPH-G were not detected above their respective detection limits. One additional boring was advanced inside the building, to a depth of 30 feet bgs, and a single groundwater sample was collected using a Hydropunch sampler. Benzene was detected at 3,510 a%g/l in the groundwater sample. WEI collected groundwater samples from all of the wells at the site in February and October 2007, and submitted them for laboratory analysis. In February the maximum benzene concentration detected was 7,810 a%g/l (VE-2) and in October the maximum benzene concentration detected was 8,800 a%g/l (MW-1L). In April 2007, WEI install three additional sets of nested groundwater monitoring wells (MW-6-W-U/L, MW-7-W-U/L, and MW-8-W-U/L) to the southwest, south and southeast of the former excavation. The initial groundwater samples were collected in October 2007, and only 1.2-DCA at 2.2 a%q/l was detected in well MW-6-W-U. Groundwater wells were monitored quarterly in 2009. In September 2009, benzene

Direction Distance

Elevation **EPA ID Number** Site Database(s)

GOODYEAR (FORMER) WASTE DUMPSTER AREA AT ROSSMOOR CENTER (Continued)

S108201221

EDR ID Number

concentrations in the groundwater ranged from less than the detection limit (<1 a%g/l) to 17,000 a%g/l (MW-1L). Ozone Sparging Feasibility Test On October 13, 2009, an ozone sparging (OS) test was started. The purpose of the test was to assess the feasibility of using the OS methodology to treat the dissolved benzene in the groundwater under the site. Prior to conducting the test, WEI staff installed ozone injection points in the bottom of the upper (approximately 18 feet bgs) and bottom of the lower (approximately 38 feet bgs) screened zones of the groundwater monitoring well MW-1. Ozone gas and air were injected for 30-minute intervals, alternating between the upper and lower screened zones of well MW-1. The flow rate was between 1.0 to 1.5 cubic feet per minute, and the applied pressure was between 16 and 45 pounds per square inch. The OS system was monitored bi-weekly for applied pressure, flow rate, and pressure at the test well. Dissolved oxygen levels were monitored in wells MW3-W, MW-4W, MW5-W, VE-1, VE-2, MW-2-WU, MW-2-WL, MW-6-WU and MW-6WL approximately every two weeks. The test ended on January 12, 2010. The results of the test showed increased dissolved oxygen concentrations in groundwater monitoring well MW-4-W, located approximately 15 feet east of well MW-1. Increased dissolved oxygen concentration were also observed in the lower part of the screened zone of well MW-5-W, located approximately 15 feet to the west of well MW-1. Decreases in benzene concentrations were observed in well MW-4-W. Two rounds of groundwater monitoring have taken place since the end of the OS test. Groundwater samples were collected January 1 and March 18, 2010. Benzene and other VOC concentrations have decreased in all the wells except VE-1. Benzene concentrations in March ranged from less than the detection limit to 4,000 a%g/l. TPH-G concentrations have also decreased, except in well VE-1. TPH-G concentration in March ranged from less than the detection limit to 37,000 a%g/l. Groundwater samples collected in March from well MW-1U showed an increase in TPH-G and benzene concentrations. Ozone sparging points installed in six wells upper and lower zones of wells MW-1, MW-9-W and MW-10-W. Full scale ozone sparging system was operated from September 3, 2010 to March1, 2012. After shut of the sparging system the verification monitoring of the groundwater was performed between March 2012 aand June 2014. Soil vapor and soil matrix samples were collected in January 2013. No VOC were detected in the soil vapor samples. Two direct-push borings were advance to between 84 and 90 feet bgs and groundwater samples were collected in four depths from each boring. Low concentations less than 5 ppb benzene, toluene ethylbenzene, 1,2,4 trimethylbenzene and 1,3,5 trimethylbenzene were detected at approximately 50 and 70 feet bgs. May 18, 2016 No Further Action letter

Click here to access the California GeoTracker records for this facility:

D22 UNOCAL #4686 (AKA TOSCO/76) LUST Orange Co. Industrial Site

WSW 12071 SEAL BEACH 1/4-1/2 SEAL BEACH, CA 90740

0.266 mi.

1407 ft. Site 6 of 6 in cluster D

LUST: Relative:

Lead Agency: SANTA ANA RWQCB (REGION 8) Lower

> Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902186

18 ft. Global Id: T0605902186 U003148207

N/A

HIST CORTESE

Direction Distance

Elevation Site Database(s) EPA ID Number

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

EDR ID Number

Latitude: 33.7873604 Longitude: -118.0721691

Status: Completed - Case Closed

Status Date: 07/19/2017
Case Worker: NOM
RB Case Number: 083003225T
Local Agency: Not reported
File Location: Regional Board
Local Case Number: Not reported

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline

Site History: Please refer to recent Site Documents or Monitoring Reports in

GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports

submitted by consultants for the responsible party.

LUST:

Global Id: T0605902186

Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)

Address: SANTA ANA RWQCB (REGION 8)

City: RIVERSIDE

Email: nolson-martin@waterboards.ca.gov

Phone Number: Not reported

LUST:

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 05/19/2014

Action: Monitoring Report - Semi-Annually

Global Id: T0605902186
Action Type: RESPONSE
Date: 10/01/2014

Action: Correspondence - Regulator Responded

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 03/27/2014

Action: Site Assessment Report - Regulator Responded

Global Id: T0605902186
Action Type: RESPONSE
Date: 08/08/2013

Action: Remedial Progress Report

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 01/15/2015

Action: Monitoring Report - Quarterly

Global Id: T0605902186
Action Type: REMEDIATION
Date: 06/27/2001

Action: Other (Use Description Field)

Direction Distance

Elevation Site Database(s) EPA ID Number

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

EDR ID Number

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 04/05/2017

Action: Email Correspondence

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 07/29/2008

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 11/30/2012

Action: Monitoring Report - Quarterly

Global Id: T0605902186
Action Type: RESPONSE
Date: 12/16/2014

Action: Well Destruction Report

Global Id: T0605902186
Action Type: RESPONSE
Date: 11/18/2013

Action: Monitoring Report - Semi-Annually

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 07/16/2009

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 Other

 Date:
 09/09/1997

 Action:
 Leak Discovery

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 02/07/2017

Action: Email Correspondence

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 01/29/2014

 Action:
 Correspondence

Global Id: T0605902186
Action Type: RESPONSE
Date: 02/27/2014

Action: Remedial Progress Report

 Global Id:
 T0605902186

 Action Type:
 REMEDIATION

 Date:
 08/01/2006

Action: Soil Vapor Extraction (SVE)

Global Id: T0605902186 Action Type: REMEDIATION

Direction Distance

Elevation Site Database(s) EPA ID Number

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

EDR ID Number

Date: 07/07/2011

Action: In Situ Physical/Chemical Treatment (other than SVE)

 Global Id:
 T0605902186

 Action Type:
 REMEDIATION

 Date:
 04/04/2003

Action: Dual Phase Extraction

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 12/21/2016

Action: Email Correspondence - Regulator Responded

 Global Id:
 T0605902186

 Action Type:
 Other

 Date:
 02/22/1994

 Action:
 Leak Began

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 05/16/2013

Action: Remedial Progress Report

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 05/16/2013

Action: Monitoring Report - Quarterly

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 01/27/2017

Action: Notification - Public Notice of Case Closure

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 04/09/2013

Action: CAP/RAP - Other Report - Regulator Responded

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 11/12/2003

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 03/21/2003

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 04/14/2005

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 05/17/2004

 Action:
 Staff Letter

Direction Distance

Elevation Site Database(s) EPA ID Number

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

EDR ID Number

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 09/20/2005

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 09/22/2003

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 12/20/2005

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 04/29/2013

Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0605902186
Action Type: RESPONSE
Date: 09/30/2013

Action: Site Assessment Report - Regulator Responded

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 04/26/2017

Action: Email Correspondence

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 11/30/2012

Action: Remedial Progress Report

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 09/10/2012

 Action:
 File review

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 11/15/2014

Action: Monitoring Report - Quarterly

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 03/25/2015

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 06/10/2016

Action: Email Correspondence

Global Id: T0605902186 Action Type: RESPONSE

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

Date: 09/15/2015

Monitoring Report - Other Action:

Global Id: T0605902186 Action Type: **RESPONSE** 04/15/2016 Date:

Action: Monitoring Report - Other

Global Id: T0605902186 Action Type: **RESPONSE** Date: 07/15/2016

Monitoring Report - Other Action:

Global Id: T0605902186 Action Type: **RESPONSE** Date: 03/07/2017 Action: Correspondence

Global Id: T0605902186 **RESPONSE** Action Type: Date: 01/03/2014

Action: Correspondence - Regulator Responded

Global Id: T0605902186 Action Type: **ENFORCEMENT** 07/19/2010 Date: Action: Staff Letter

Global Id: T0605902186 Action Type: **ENFORCEMENT** 07/19/2017 Date:

Action: Closure/No Further Action Letter

Global Id: T0605902186 **RESPONSE** Action Type: 05/19/2014 Date:

Action: Remedial Progress Report

Global Id: T0605902186 **RESPONSE** Action Type: Date: 07/17/2017

Action: Well Destruction Report

Global Id: T0605902186 **RESPONSE** Action Type: Date: 06/09/2014

Action: Correspondence - Regulator Responded

Global Id: T0605902186 Action Type: **RESPONSE** Date: 05/20/2013

Action: Sensitive Receptor Survey Report

Global Id: T0605902186 Action Type: Other Date: 07/28/1998 Action: Leak Reported

Direction Distance

Elevation Site Database(s) EPA ID Number

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

EDR ID Number

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 10/06/2015

Action: Email Correspondence

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 06/14/2017

Action: Email Correspondence

Global Id: T0605902186
Action Type: RESPONSE
Date: 07/23/2014

Action: Request for Closure - Regulator Responded

Global Id: T0605902186
Action Type: RESPONSE
Date: 12/15/2015

Action: Monitoring Report - Other - Regulator Responded

Global Id: T0605902186
Action Type: RESPONSE
Date: 10/28/2016

Action: Monitoring Report - Other - Regulator Responded

 Global Id:
 T0605902186

 Action Type:
 ENFORCEMENT

 Date:
 01/06/2011

 Action:
 Staff Letter

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 06/15/2015

Action: Monitoring Report - Other

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 01/10/2014

Action: Well Installation Workplan - Regulator Responded

 Global Id:
 T0605902186

 Action Type:
 RESPONSE

 Date:
 08/05/2016

Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605902186
Action Type: ENFORCEMENT
Date: 03/15/2016

Action: Email Correspondence

 Global Id:
 T0605902186

 Action Type:
 REMEDIATION

 Date:
 06/20/2001

Action: Dual Phase Extraction

LUST:

Global Id: T0605902186

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

EDR ID Number

Status: Open - Case Begin Date

Status Date: 02/22/1994

Global Id: T0605902186 Status: Open - Remediation 04/04/2003

Status Date:

T0605902186 Global Id:

Status: Open - Eligible for Closure

Status Date: 01/11/2017

T0605902186 Global Id:

Status: Completed - Case Closed

Status Date: 07/19/2017

LUST REG 8:

Region: County: Orange

Regional Board: Santa Ana Region Facility Status: Remediation Plan Case Number: 083003225T Local Case Num: 98UT050

Other ground water affected Case Type:

Substance: Gasoline Qty Leaked:

Not reported Abate Method: Cross Street: Not reported

Enf Type: SEL

Not reported Funding: How Discovered: SA RPP How Stopped: Leak Cause: Unknown Leak Source: Piping Global ID: T0605902186

9/9/9999 How Stopped Date: Enter Date: Not reported Date Confirmation of Leak Began: Not reported Not reported Date Preliminary Assessment Began: Discover Date: 9/9/1997 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: 4/4/2003 Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported

Enter Date: Not reported **GW Qualifies:** Soil Qualifies:

Operator: Not reported Facility Contact: Not reported Not reported Interim: Oversite Program: LUST Latitude: 33.7873604 Longitude: -118.0721691 MTBE Date: 8/21/2002

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

UNOCAL #4686 (AKA TOSCO/76) (Continued)

U003148207

Max MTBE GW:29000MTBE Concentration:0Max MTBE Soil:2000MTBE Fuel:1

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: *
Staff: NOM
Staff Initials: SS

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported

Summary: Not reported

Orange Co. Industrial Site:

Case ID: 93IC015
Record ID: RO0000427
Current Status: CLOSED 9/26/1994
Closure Type: Closure certification issued
Released Chemical: WASTE (OR SLOP) OIL

HIST CORTESE:

 Region:
 CORTESE

 Facility County Code:
 30

 Reg By:
 LTNKA

 Reg Id:
 083003225T

23 REPLANET LLC SWRCY

SW 12470 SEAL BEACH BLVD 1/4-1/2 SEAL BEACH, CA 90740

0.280 mi. 1476 ft.

Relative: SWRCY: Lower Reg Id:

Reg Id: 156275
Cert Id: RC156275.001

Actual: Mailing Address: 800 N Haven Ave Suite 120 17 ft. Mailing City: Ontario

Mailing City: Ontario Mailing State: CA Mailing Zip Code: 91764

Website: http://www.replanet.com

Email: Not reported Phone Number: (951) 520-1700

Grand Father: N
Rural: N
Operation Begin Date: 05/01/2012

 Aluminium:
 Y

 Glass:
 Y

 Plastic:
 Y

 Bimetal:
 Y

 Agency:
 N/A

 Monday Hours Of Operation:
 CLOSED

Tuesday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm Wednesday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm

S107138129

N/A

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

REPLANET LLC (Continued) S107138129

Thursday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm Friday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm Saturday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm

Sunday Hours Of Operation: CLOSED
Organization ID: 151891
Organization Name: rePlanet LLC

24 TEXACO LUST S101629814

NNW 11250 LOS ALAMITOS SWEEPS UST N/A

 1/4-1/2
 LOS ALAMITOS, CA 90720
 HIST UST

 0.299 mi.
 CA FID UST

 1578 ft.
 HIST CORTESE

Relative: LUST:

Higher Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900582

22 ft. Global ld: T0605900582 Latitude: 33.7993242 Longitude: -118.0716913

Status: Completed - Case Closed

Status Date: 07/14/2014 Case Worker: KL

RB Case Number: 083000733T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency Local Case Number: 86UT200

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline

Site History: Please refer to recent Site Documents or Monitoring Reports in

GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports

submitted by consultants for the responsible party.

LUST:

Global Id: T0605900582

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP
Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA
Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605900582

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 04/05/2011

Action: File Review - Closure

Direction
Distance

Elevation Site Database(s) EPA ID Number

TEXACO (Continued) S101629814

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 04/06/2009

 Action:
 Staff Letter

Global Id: T0605900582
Action Type: RESPONSE
Date: 04/06/2010

Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900582
Action Type: ENFORCEMENT
Date: 11/05/2013

Action: State Water Board Closure Order

 Global Id:
 T0605900582

 Action Type:
 REMEDIATION

 Date:
 08/01/1992

Action: Pump & Treat (P&T) Groundwater

 Global Id:
 T0605900582

 Action Type:
 REMEDIATION

 Date:
 08/01/1992

Action: Other (Use Description Field)

 Global Id:
 T0605900582

 Action Type:
 REMEDIATION

 Date:
 04/26/1995

Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

 Global Id:
 T0605900582

 Action Type:
 REMEDIATION

 Date:
 08/01/1992

 Action:
 Excavation

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 10/16/2012

 Action:
 File review

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 07/14/2009

 Action:
 Staff Letter

 Global Id:
 T0605900582

 Action Type:
 Other

 Date:
 09/17/1996

 Action:
 Leak Began

Global Id: T0605900582
Action Type: RESPONSE
Date: 05/03/2013

Action: Request for Closure - Regulator Responded

Global Id: T0605900582 Action Type: Other

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO (Continued) S101629814

Date: 11/18/1986 Leak Reported Action:

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 08/21/2013

Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 05/11/2009 Action: Staff Letter

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 03/06/2008 Action: Staff Letter

Global Id: T0605900582 **ENFORCEMENT** Action Type: Date: 06/04/2007 Staff Letter Action:

Global Id: T0605900582 Action Type: **ENFORCEMENT** 11/08/2004 Date: Action: Staff Letter

T0605900582 Global Id: Action Type: **ENFORCEMENT** Date: 10/14/2005 Action: Staff Letter

Global Id: T0605900582 **ENFORCEMENT** Action Type: Date: 12/21/2007 Action: Staff Letter

Global Id: T0605900582 **ENFORCEMENT** Action Type: Date: 11/02/2006 Action: Staff Letter

Global Id: T0605900582 Action Type: **ENFORCEMENT** Date: 08/21/2013

Action: Clean Up Fund - Letter to RP

Global Id: T0605900582 Action Type: **ENFORCEMENT** 06/15/2010 Date: Action: Staff Letter

Global Id: T0605900582 Action Type: Other Date: 09/17/1986 Action: Leak Discovery

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO (Continued) S101629814

 Global Id:
 T0605900582

 Action Type:
 ENFORCEMENT

 Date:
 07/14/2014

Action: Closure/No Further Action Letter

 Global Id:
 T0605900582

 Action Type:
 RESPONSE

 Date:
 04/19/2011

Action: Clean Up Fund - 5-Year Review Summary

LUST:

Global Id: T0605900582

Status: Open - Case Begin Date

Status Date: 09/17/1986

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/17/1986

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/22/1986

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/25/1986

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 06/11/1987

Global Id: T0605900582 Status: Open - Remediation

Status Date: 08/01/1992

Global Id: T0605900582 Status: Open - Remediation

Status Date: 09/01/2002

Global Id: T0605900582

Status: Open - Site Assessment

Status Date: 09/04/2009

Global Id: T0605900582

Status: Open - Verification Monitoring

Status Date: 01/01/2010

Global Id: T0605900582

Status: Open - Eligible for Closure

Status Date: 07/16/2013

Global Id: T0605900582

Status: Completed - Case Closed

Status Date: 07/14/2014

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO (Continued) S101629814

ORANGE CO. LUST:

Region: **ORANGE** Facility Id: 86UT200

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Date Closed: Not reported RO0000847 Record ID:

LUST REG 8:

Enter Date:

Region: 8 County: Orange

Santa Ana Region Regional Board: Facility Status: Remediation Plan Case Number: 083000733T Local Case Num: 86UT200

Other ground water affected Case Type:

Gasoline Substance: Qty Leaked:

Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Funding: Not reported How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Tank Global ID: T0605900582

How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: 9/22/1986 9/25/1986 Date Preliminary Assessment Began: 9/17/1986 Discover Date: **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: 9/17/1986 Date Pollution Characterization Began: 6/11/1987 Date Remediation Plan Submitted: 8/1/1992 Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported

GW Qualifies: Soil Qualifies:

Operator: Not reported Facility Contact: Not reported Not reported Interim: LUST Oversite Program: Latitude: 33.7993242

Longitude: -118.0716913 MTBE Date: 12/28/2001 Max MTBE GW: 1400 MTBE Concentration: 0 Max MTBE Soil: 4000 MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

Not reported

MTBE Class: Staff: TME Staff Initials: SS

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO (Continued) S101629814

Lead Agency:
Local Agency:
30000L
Hydr Basin #:
Not reported
Beneficial:
MUN
Priority:
Not reported
Cleanup Fund Id:
Work Suspended:
Not reported
Not reported

Summary: Not reported

SWEEPS UST:

Status: Active
Comp Number: 4599
Number: 9

Board Of Equalization: 44-000217
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-004599-000001

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED

Number Of Tanks: 4

Status: Active Comp Number: 4599 Number: 9

Board Of Equalization: 44-000217
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004599-000002

Tank Status:

Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: DIESEL Number Of Tanks: Not reported

Status: Active
Comp Number: 4599
Number: 9

Board Of Equalization: 44-000217
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-004599-000003

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO (Continued) S101629814

STG: P

Content: LEADED Number Of Tanks: Not reported

Status: Active
Comp Number: 4599
Number: 9
Page of Familiantion 44 0000

Board Of Equalization: 44-000217
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004599-000004

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: DIESEL
Number Of Tanks: Not reported

HIST UST:

File Number: 0002EEF2

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EEF2.pdf

Region: Not reported Facility ID: Not reported Facility Type: Not reported Other Type: Not reported Contact Name: Not reported Telephone: Not reported Owner Name: Not reported Not reported Owner Address: Owner City, St, Zip: Not reported Total Tanks: Not reported

Tank Num: Not reported Container Num: Not reported Year Installed: Not reported Not reported Tank Capacity: Tank Used for: Not reported Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 30000733
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134313449
Mail To: Not reported

Mailing Address: 3631 HBR BLVD STE 225 PAU

Mailing Address 2: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

TEXACO (Continued) S101629814

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000733T

E25 EXXON #7-1433 LUST S101588975
NNW 11171 LOS ALAMITOS BLVD SWEEPS UST N/A

NNW 11171 LOS ALAMITOS BLVD SWEEPS UST 1/4-1/2 LOS ALAMITOS, CA 90720 CA FID UST 0.370 mi.

1951 ft. Site 1 of 3 in cluster E

Relative: LUST:

Higher Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900498

Global Id: T0605900498
Latitude: 33.80047
Longitude: -118.07234

Status: Completed - Case Closed

Status Date: 06/24/1997 Case Worker: KL

RB Case Number: 083000623T

Local Agency: ORANGE COUNTY LOP

File Location: Local Agency
Local Case Number: 89UT166
Potential Media Affect: Soil

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline

Site History: Not reported

LUST:

Global Id: T0605900498

Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: cbernhardt@waterboards.ca.gov

Phone Number: 9517824495

Global Id: T0605900498

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA
Email: klambert@ochca.com

Phone Number: 7144336261

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

EXXON #7-1433 (Continued)

S101588975

LUST:

 Global Id:
 T0605900498

 Action Type:
 Other

 Date:
 09/19/1989

 Action:
 Leak Discovery

 Global Id:
 T0605900498

 Action Type:
 ENFORCEMENT

 Date:
 05/20/1997

Action: LOP Case Closure Summary to RB

 Global Id:
 T0605900498

 Action Type:
 Other

 Date:
 09/19/1989

 Action:
 Leak Reported

LUST:

Global Id: T0605900498

Status: Open - Case Begin Date

Status Date: 09/19/1989

Global Id: T0605900498

Status: Completed - Case Closed

Status Date: 06/24/1997

ORANGE CO. LUST:

Region: ORANGE Facility Id: 89UT166

Released Substance: Waste oil/Used oil; Gasoline-Automotive (motor gasoline and

additives), leaded & unleaded

Date Closed: 06/24/1997 Record ID: RO0000759

LUST REG 8:

Region: 8 County: Orange

Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000623T
Local Case Num: 89UT166
Case Type: Soil only
Substance: 12035,800661

Qty Leaked: 0

Abate Method: Not reported Cross Street: Not reported Not reported Enf Type: Funding: Not reported How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown T0605900498 Global ID: How Stopped Date: 9/9/9999 Enter Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

EXXON #7-1433 (Continued)

S101588975

EDR ID Number

Date Confirmation of Leak Began: Not reported Not reported Date Preliminary Assessment Began: Discover Date: 9/19/1989 **Enforcement Date:** Not reported Close Date: 6/24/1997 Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.8003282 Latitude: Longitude: -118.0720133 MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration: 0 Not reported

Max MTBE Soil: MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class:

Staff: CAB Staff Initials: SS

 Lead Agency:
 Local Agency

 Local Agency:
 30000L

 Hydr Basin #:
 Not reported

 Beneficial:
 MUN

 Priority:
 Not reported

Cleanup Fund Id:

Work Suspended:

Not reported

Not reported

Not reported

Summary: Not reported

SWEEPS UST:

Not reported Status: Comp Number: 4597 Not reported Number: Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Not reported Created Date: Not reported Owner Tank Id:

SWRCB Tank Id: 30-000-004597-000001

Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported

Number Of Tanks: 4

Status: Not reported Comp Number: 4597

Direction Distance Elevation

ion Site Database(s) EPA ID Number

EXXON #7-1433 (Continued)

S101588975

EDR ID Number

Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004597-000002

Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported 4597 Comp Number: Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-004597-000003

Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported Comp Number: 4597 Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004597-000004

Tank Status: Not reported

Capacity: 550

Active Date: Not reported Tank Use: UNKNOWN STG: PRODUCT Content: Not reported Number Of Tanks: Not reported

Status: Active
Comp Number: 4597
Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 06-18-92 Created Date: 02-29-88 Owner Tank Id: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EXXON #7-1433 (Continued)

SWRCB Tank Id: 30-000-004597-000005

Tank Status: Α 12000 Capacity: Active Date: Not reported M.V. FUEL Tank Use:

STG:

REG UNLEADED Content:

Number Of Tanks:

Status: Active Comp Number: 4597 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 06-18-92 Action Date: Created Date: 02-29-88 Owner Tank Id: Not reported

30-000-004597-000006 SWRCB Tank Id:

Tank Status: 12000 Capacity: Active Date: Not reported M.V. FUEL Tank Use:

STG:

Content: **REG UNLEADED** Number Of Tanks: Not reported

Status: Active Comp Number: 4597 Number: 9

Board Of Equalization: Not reported 09-30-92 Referral Date: Action Date: 06-18-92 Created Date: 02-29-88 Owner Tank Id: Not reported

30-000-004597-000007 SWRCB Tank Id:

Tank Status: Α 12000 Capacity: Active Date: Not reported M.V. FUEL Tank Use: STG:

LEADED Content: Number Of Tanks: Not reported

Status: Active 13650 Comp Number: Number:

Board Of Equalization: Not reported 09-30-92 Referral Date: 09-15-92 Action Date: Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-013650-000001

Tank Status: 12000 Capacity: Active Date: Not reported Tank Use: M.V. FUEL

STG:

S101588975

Direction Distance

Elevation Site Database(s) EPA ID Number

EXXON #7-1433 (Continued)

S101588975

EDR ID Number

Content: REG UNLEADED

Number Of Tanks: 3

Status: Active
Comp Number: 13650
Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-013650-000002

Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED Number Of Tanks: Not reported

Status: Active Comp Number: 13650 Number: 9

Board Of Equalization: Not reported Referral Date: 09-30-92 Action Date: 09-15-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-013650-000003

Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: LEADED
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 30000671
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported

Mailing Address: CONSTRUCTION & MAINT

Mailing Address 2: Not reported

Mailing City, St, Zip: LOS ALAMITOS 90720

Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EXXON #7-1433 (Continued) S101588975

HIST CORTESE:

CORTESE Region: Facility County Code: 30 Reg By: **LTNKA** Reg Id: 083000623T

26 **JOINT FORCES TRAINING BASE, LOS ALAMITOS** LUST S106784657 N/A

ΝE **BDLG 27 BUNKER HILL AVE.** 1/4-1/2 LOS ALAMITOS, CA 90720

0.372 mi. 1965 ft.

LUST REG 8: Relative: Higher Region: 8 Orange County:

Actual: Regional Board: Santa Ana Region

25 ft. Facility Status: Remedial action (cleanup) Underway

> 083003834T Case Number: Local Case Num: Not reported Case Type: Soil only Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported Cross Street: YORKTOWN AVE.

Enf Type: Not reported

Funding:

How Discovered: Tank Closure How Stopped: Not reported Leak Cause: Corrosion Leak Source: Piping Global ID: T060592093 10/15/1987 How Stopped Date: Enter Date: Not reported Not reported Date Confirmation of Leak Began: Date Preliminary Assessment Began: Not reported Discover Date: 10/15/1987 **Enforcement Date:** Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 10/2/1989 Date Remediation Plan Submitted: Not reported 3/15/1994 Date Remedial Action Underway: Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies: Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: DOD 33.794638 Latitude:

-118.056436

MTBE Date: 9/21/1998 Max MTBE GW: 1 MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

Longitude:

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106784657

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: D
Staff: JCB
Staff Initials: Not reported
Lead Agency: Regional Board
Local Agency: Not reported

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Haz Mat incident report filed : FORMER PX GAS STATION ON NORTHEAST CORNER OF

BLDG 27: WERE 2- STEEL 8,000 GAL GASOLINE TANKS: OVER EXCAVATION OF GASOLINE

CONTAMINATED SOILS: SITE AWAITING CLOSURE

27 ORANGE COUNTY FIRE STATION #2 LUST S103980161
NNW 3642 GREEN AVE HIST CORTESE N/A

1/4-1/2 LOS ALAMITOS, CA 90720

0.392 mi. 2071 ft.

Relative: LUST:

Higher Lead Agency: ORANGE COUNTY LOP

Case Type: LUST Cleanup Site

Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901596

23 ft. Global Id: T0605901596
Latitude: 33.8017561
Longitude: -118.0712823

Status: Completed - Case Closed

Status Date: 06/10/1993 Case Worker: KL

RB Case Number: 083002157T

Local Agency: ORANGE COUNTY LOP

File Location:
Local Agency
Local Case Number:
Potential Media Affect:
Potential Contaminants of Concern:
Site History:
Local Agency
92UT108
Soil
Potential Contaminants of Concern:
Diesel
Not reported

LUST:

Global Id:

Global Id: T0605901596

Contact Type: Local Agency Caseworker
Contact Name: KEVIN LAMBERT
Organization Name: ORANGE COUNTY LOP

Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA
Email: klambert@ochca.com
Phone Number: 7144336261

Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN

Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

T0605901596

City: RIVERSIDE

Email: nolson-martin@waterboards.ca.gov

Phone Number: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

ORANGE COUNTY FIRE STATION #2 (Continued)

S103980161

EDR ID Number

LUST:

Global Id: T0605901596
Action Type: Other
Date: 08/19/1992
Action: Leak Discovery

 Global Id:
 T0605901596

 Action Type:
 Other

 Date:
 08/19/1992

 Action:
 Leak Reported

LUST:

Global Id: T0605901596

Status: Open - Case Begin Date

Status Date: 08/19/1992

Global Id: T0605901596

Status: Completed - Case Closed

Status Date: 06/10/1993

ORANGE CO. LUST:

Region: ORANGE Facility Id: 92UT108

Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4

Date Closed: 06/10/1993 Record ID: RO0002458

LUST REG 8:

Region: 8
County: Orange

Regional Board:

Facility Status:

Case Closed
Case Number:

Local Case Num:

Case Type:

Soil only
Substance:

Qty Leaked:

Santa Ana Region
Case Closed
Osao02157T
Osao02157T
Sollonly
Substance:

Diesel
O

Abate Method: Not reported Cross Street: Not reported Enf Type: Not reported Not reported Funding: How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown T0605901596 Global ID: How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 8/19/1992 **Enforcement Date:** Not reported Close Date: 6/10/1993 Date Prelim Assessment Workplan Submitted: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ORANGE COUNTY FIRE STATION #2 (Continued)

S103980161

Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported **GW Qualifies:** Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST 33.8017561 Latitude: -118.0712823 Longitude: MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration:

Not reported Max MTBE Soil:

MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class:

Staff: NOM Staff Initials: SS Lead Agency: Local Agency Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN

Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

HIST CORTESE:

CORTESE Region: Facility County Code: 30 **LTNKA** Reg By: 083002157T Reg Id:

BEST CLEANERS SLIC S102811701

11139 LOS ALAMITOS BLVD. Orange Co. Industrial Site N/A LOS ALAMITOS, CA 90720 **DRYCLEANERS**

0.414 mi.

2187 ft. Site 2 of 3 in cluster E

E28

NNW

1/4-1/2

SLIC: Relative: STATE Region: Higher

Facility Status: Open - Site Assessment

Actual: Status Date: 08/11/2014 23 ft. Global Id: SL0605955432

> SANTA ANA RWQCB (REGION 8) Lead Agency:

Lead Agency Case Number: Not reported 33.8009383437583 Latitude: -118.072527915344 Longitude: Case Type: Cleanup Program Site

Case Worker: MG Local Agency: Not reported RB Case Number: 2080066 File Location: Regional Board **EMI**

Map ID Direction Distance Elevation MAP FINDINGS

Site Date

Database(s)

EDR ID Number EPA ID Number

BEST CLEANERS (Continued)

S102811701

Potential Media Affected: Potential Contaminants of Concern: Site History:

Aquifer used for drinking water supply * Solvents, Tetrachloroethylene (PCE)

Update as of November 2012 Best Cleaners is located at 11139 Los Alamitos Boulevard, Los Alamitos, California. The site is located within a commercial shopping center situated immediately southwest of the intersection of Los Alamitos Boulevard and Katella Ave. A dry cleaning facility doing business as Best Cleaners currently operates at the site. In 2002, soil and groundwater underlying the subject site were identified as having been impacted with tetrachloroethene (PCE). Five subsurface investigations conducted between 2002 and 2007 helped define the horizontal and vertical extent of PCE-impacted soil and groundwater. The site is located approximately 24 feet above mean sea level. Surface elevation contours within the site vicinity indicate that the site and vicinity are sloping gently toward the southwest. In January of 2010, Black Rock Geosciences, on behalf of the property owners, implemented a bio-enhanced remediation project at Best Cleaners. The project included the injection of hydrogen releasing compound (HRC) into soil and groundwater underlying the subject site to remediate the elevated concentrations of tetrachloroethene (PCE). PCE concentrations are above MCLs, and Vinyl Chloride (VC) at the site have increased three orders of magnitude. The owner of the dry cleaners is closely monitoring the VC at the site. If necessary, the owner may implement another round of HRC injections to further degrade the VC concentrations. The injection of a hydrogen-releasing compound (HRC) was proposed by Black Rock Geosciences to accelerate the bioremediation of PCE underlying the site. This remedial method, approved by the Regional Board, was conducted on December 28, 2009. It included injecting 1,620 pounds of HRC into the underlying contaminant plume. Best Cleaners, located in Los Alamitos, California, is undergoing a site assessment due to the presence of tetrachlorethene (PCE) at the site. The site is a dry cleaning facility that has clothing, cleaning, drying, and pressing equipment on-site. The concerns at the site are regarding the PCE and its breakdown products. The break down products of PCE may pose a threat to groundwater quality. PCEs byproducts are 1, 2 dichlorothene (DCE), vinyl chloride, and ethane. The Conceptual Site Model for this site addresses the nature and extent of subsurface contaminants beneath the site, and evaluates the potential transport of these contaminants and their possible impact to human health, the environment, and the beneficial uses of water resources. Background of the Constituents Tetrachloroethene, also known as PCE, is the main constituent that has been released at the Best Cleaners site. PCE is a synthetic liquid chemical which is commonly used in dry cleaning, metal degreasing, and fabric manufacturing. In this specific case, tetrachloroethene is present due to the dry cleaning processes that are carried out at the site. PCE in liquid and solid wastes has the ability to migrate to groundwater, where it may remain there for months to years. One of the concerns with this particular site is the presence of PCEs toxic degradation products, trichloroethylene and vinyl chloride. Trichloroethylene can have acute and chronic effects on humans after exposure. PCE effects from inhalation include dizziness, forgetfulness, and reaction time/visual changes. When ingested, PCE is associated with lower birth weights and birth defects. Carcinogenic effects may also be present in those exposed to PCE. Trichloroethene (TCE) and vinyl chloride are also constituents of concern at the Site. TCE is a known human carcinogen and may cause birth defects. Vinyl chloride is a known human carcinogen and

Map ID
Direction
Distance

Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

BEST CLEANERS (Continued)

S102811701

genotoxicant. After exposure, this constituent may cause chemical alternations of DNA in tissues that may lead to cancer. It is known to be a human carcinogen and genotoxicant. Remediation Methods In order to remediate the situation at Best Cleaners, a hydrogen releasing compound (HRC) was released at the site. The purpose of this was to expedite the biological degradation process of the chlorinated contaminants. Regenesis is the name of the company that provided the scientific technology to create the enhanced anaerobic bioremediation. According to Regenesis, HRC can be used to degrade a range of chlorinated compounds such as PCE, TCE, TCA and their breakdown products. The initial site investigation began in September 2002. Geoprobe borings were used to determine whether or not the presence of PCE was present in the sample. The results showed that PCE was present. A month later, in the month of November 2002, another soil investigation was conducted. PCE was also detected in this months results and high concentrations were found to be within a relative distance to groundwater, therefore, it is likely that groundwater had been impacted. The company, National Environmental Consultants, conducted these two investigations. In 2003, another company, Harrison Roberts Environmental Management conducted another investigation of the site. This investigation involved the installment of monitoring wells and usage of soil borings. With the addition of the wells, groundwater samples were able to be collected. sampled and analyzed for VOCs. PCE was found to be present in the groundwater samples from the borings. An additional boring sample that was down-gradient from the dry cleaners site also showed signs of contamination. In September 2007, BRG conducted the fourth soil and groundwater investigation for this site. Samples were collected from five borings that were at a depth of 40 feet; samples were taken at five feet intervals for each boring. Evaluation of the soil samples was done by EPA Method 8260B. According to the EPA, Method 8260B is used to determine volatile organic compounds in a variety of solid waste matrices. This method is applicable to nearly all types of samples, regardless of water content, including various air sampling trapping media, ground and surface water, aqueous sludges, caustic liquors, acid liquors, waste solvents, oily wastes, mousses, tars, fibrous wastes, polymeric emulsions, filter cakes, spent carbons, spent catalysts, soils, and sediments. (www.epa.gov) Analysis of the Site Risks Due to the nature of the constituents and the threat to water quality, in 2007, the Regional Water Quality Control Board requested that a remedial action plan be put in place for this site. The major concern for the site was to eliminate the present VOCs in the soil and groundwater. Vapor extraction technology was suggested as a viable means for alleviating the soil and groundwater contamination; however there was some concern, due to the clay nature of the soil. A conceptual site model was put together for this site in order to address the issues regarding contaminants at the Best Cleaners site. This CSM model was used in order to discuss what impacts these contaminants may have to human health, the environment, and water resources. Upon assessment, it was determined that the source of the contaminants was a dry cleaning machine in the southwestern portion of the dry cleaning facility. The highest concentrations of contaminants were located adjacent to the machine. The Regional Water Quality Control Board determined that the horizontal and vertical extent of impacted soil had been adequately defined. In 2008, the estimated mass of PCE was about 8.1 pounds of PCE. Including breakdown products, the total mass was estimated at

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BEST CLEANERS (Continued)

S102811701

about 14.7 pounds. TCE, 1,2-DCE, and vinyl chloride concentrations found at the site exceed their Maximum Contaminant Levels. Analysis of the values in the tables provided in the CSM indicates that the breakdown products dichloroethene and vinyl chloride have the greatest threat to groundwater quality. The CSM states, The highest cis-1,2-DCE and vinyl chloride concentrations reported during 2011 were 153 and 860 times their maximum contaminate levels, respectively. According to the CSM, the clayey nature of the soil inhibits volatilization and migration to the soil surface. Commercial and retail businesses are located within 200 feet of the site. Residential apartments are located approximately 67 feet west of the site. Due to the close proximity of these businesses and residences, it is important to evaluate how much of a risk these breakdown products will have towards human health. Assessment of indoor air is proposed for the buildings on Site, along with a human health risk assessment to determine potential risks to human health. Off-site groundwater investigations have been conducted to delineate the extent of the VOC plume in groundwater.

Click here to access the California GeoTracker records for this facility:

Orange Co. Industrial Site:

Case ID: 03IC002 Record ID: RO0003125 CLOSED 6/29/2005 **Current Status:** Closure Type: Referred to Regional Board

Released Chemical: PERCHLOROETHYLENE. TRICHLOROETHYLENE

DRYCLEANERS:

CAL000034527 EPA Id:

NAICS Code: 81232

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

SIC Code:

SIC Description: Power Laundries, Family and Commercial

Create Date: 05/16/1990 Facility Active: No Inactive Date: 06/30/1998 Facility Addr2: Not reported CHONG BRYAN Owner Name: Owner Address: 19435 SHELFORD DR

Owner Address 2: Not reported Owner Telephone: 5624315611 Contact Name: SONG CHAE CHO

Contact Address: DEACTIVATED PE VF98 SA

Contact Address 2: Not reported Contact Telephone: 5628603187 Mailing Name: Not reported

Mailing Address 1: 11139 LOS ALAMITOS BLVD

Mailing Address 2: Not reported Mailing City: LOS ALAMITOS

Mailing State: CA

907203603 Mailing Zip: Owner Fax: Not reported

Region Code:

EPA Id: CAL000208477

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BEST CLEANERS (Continued)

Create Date:

S102811701

NAICS Code: 81232

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

SIC Code: 7211

SIC Description: Power Laundries, Family and Commercial 03/10/1999

Facility Active: Yes Inactive Date: Not reported Not reported Facility Addr2: Owner Name: SONG CHAE CHO Owner Address: 773 N PICO CANYON LN

Owner Address 2: Not reported 7143320196 Owner Telephone: SONG CHAE CHO Contact Name: Contact Address: 773 N PICO CANYON LN

Contact Address 2: Not reported Contact Telephone: 5624315611 Mailing Name: Not reported

Mailing Address 1: 11139 LOS ALAMITOS BLVD

Mailing Address 2: Not reported Mailing City: LOS ALAMITOS

Mailing State: CA

Mailing Zip: 907200000 Owner Fax: 7143320196

Region Code:

EMI:

1987 Year: County Code: 30 Air Basin: SC Facility ID: 9467 Air District Name: SC SIC Code: 7216

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 0 Reactive Organic Gases Tons/Yr: 0 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1990 County Code: 30 SC Air Basin: Facility ID: 73466 Air District Name: SC SIC Code: 7216

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 2 Reactive Organic Gases Tons/Yr: 0 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST CLEANERS (Continued) S102811701

EDR ID Number

TC5177572.2s Page 104

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

E29 BEST CLEANERS SLIC S108985895 NNW 11139 LOS ALAMITOS BOULEVARD N/A

NNW 11139 LOS ALAMITOS BOULEVARD 1/4-1/2 LOS ALAMITOS, CA

0.414 mi.

2187 ft. Site 3 of 3 in cluster E

Relative: SLIC REG 8:

 Higher
 Type:
 Soil

 Facility Status:
 3

 Actual:
 Staff:
 KDP

 23 ft.
 Substance:
 TCE, PCE

Lead Agency: Regional Board
Location Code: Not reported
Thomas Bros Code: Not reported

F30 TALIN TIRE LUST \$104582501

NNW 11121 LOS ALAMITOS HIST CORTESE N/A

1/4-1/2 LOS ALAMITOS, CA 90720

0.426 mi.

2248 ft. Site 1 of 2 in cluster F

Relative: LUST REG 8: Higher Region: 8

Date Post Remedial Action Monitoring:

Enter Date:

County: Orange

Actual: Regional Board: Santa Ana Region

23 ft. Facility Status: Case Closed

Facility Status:

Case Closed
Case Number:

083001706T
Local Case Num:
90UT214
Case Type:
Soil only
Substance:
Waste Oil
Qty Leaked:

0

Abate Method: Not reported Not reported Cross Street: Enf Type: Not reported Funding: Not reported How Discovered: Tank Closure How Stopped: Close Tank Leak Cause: Unknown Leak Source: Unknown T0605901292 Global ID: How Stopped Date: 9/9/9999 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 8/27/1990 **Enforcement Date:** Not reported 12/20/1990 Close Date: Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported

Not reported

Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TALIN TIRE (Continued) S104582501

GW Qualifies: Not reported Not reported Soil Qualifies: Not reported Operator: Facility Contact: Not reported Interim: Not reported LUST Oversite Program: 33.8006222 Latitude: Longitude: -118.0718853 MTBE Date: Not reported Max MTBE GW: Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: Not Required to be Tested.

MTBE Class: PAH Staff: Staff Initials: SS

Lead Agency: Local Agency Local Agency: 30000L Hydr Basin #: Not reported Beneficial: MUN Priority: Not reported

Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: Not reported

HIST CORTESE:

Region: **CORTESE** Facility County Code: 30 LTNKA Reg By: 083001706T Reg Id:

F31 **TALIN TIRE INC** LUST U003783841 NNW 11121 LOS ALAMITOS BLVD UST N/A

1/4-1/2 LOS ALAMITOS, CA 90720

0.426 mi.

2248 ft. Site 2 of 2 in cluster F

LUST: Relative:

Lead Agency: ORANGE COUNTY LOP Higher Case Type: LUST Cleanup Site Actual: Geo Track:

http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901292 23 ft. Global Id: T0605901292 Latitude: 33.8011942

Longitude: -118.0718425

Status: Completed - Case Closed 12/20/1990 Status Date:

Case Worker: KL 083001706T RB Case Number:

ORANGE COUNTY LOP Local Agency:

File Location: Local Agency Local Case Number: 90UT214 Potential Media Affect: Soil

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating

Site History: Not reported

LUST:

Global Id: T0605901292

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TALIN TIRE INC (Continued) U003783841

Contact Type: Local Agency Caseworker KEVIN LAMBERT Contact Name: Organization Name: ORANGE COUNTY LOP Address: 1241 E DYER ROAD SUITE 120

City: SANTA ANA Email: klambert@ochca.com

Phone Number: 7144336261

Global Id: T0605901292

Contact Type: Regional Board Caseworker Contact Name: PATRICIA HANNON

Organization Name: SANTA ANA RWQCB (REGION 8) Address: 3737 MAIN STREET, SUITE 500

City: **RIVERSIDE**

phannon@waterboards.ca.gov Email:

Phone Number: Not reported

LUST:

T0605901292 Global Id: Action Type: Other 08/27/1990 Date: Action: Leak Discovery

Global Id: T0605901292 Action Type: Other 08/27/1990 Date: Action: Leak Reported

Global Id: T0605901292 REMEDIATION Action Type: Date: 08/27/1990 Action: Excavation

LUST:

Global Id: T0605901292

Status: Open - Case Begin Date

08/27/1990 Status Date:

T0605901292 Global Id:

Completed - Case Closed Status:

Status Date: 12/20/1990

ORANGE CO. LUST:

ORANGE Region: Facility Id: 90UT214 Released Substance: Waste oil/Used oil 12/20/1990 Date Closed: Record ID: RO0002078

UST:

Facility ID: 6536

ORANGE COUNTY Permitting Agency: Latitude: 33.8025459 Longitude: -118.0703198

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

32 LOS ALAMITOS MERCURY SEMS 1010417236 North 3772 KATELLA BLVD. CAN000908521

1/4-1/2 SIGNAL HILL, CA

0.470 mi. 2484 ft.

Relative: SEMS:

Higher Site ID: 908521

EPA ID: CAN000908521

Actual: Cong District: Not reported

24 ft. FIPS Code: 6059

Latitude: Not reported

Latitude: Not reported Longitude: Not reported

FF: N

NPL: Not on the NPL

Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

 Region:
 9

 Site ID:
 908521

 EPA ID:
 CAN000908521

Site Name: LOS ALAMITOS MERCURY

 NPL:
 N

 FF:
 N

 OU:
 0

 Action Code:
 PJ

Action Name: RP EM REM

SEQ:

Start Date: 2007-07-11 00:00:00

Finish Date: 8/11/2007

Qual:

Current Action Lead: EPA Ovrsght

JOINT FORCES TRAINING BASE, LOS ALAMITOS
NE LEXINGTON & FARQUHAR

1/2-1 LOS ALAMITOS, CA 90720 0.532 mi. 2809 ft.

Relative: RESPONSE:

Higher Facility ID: 30490037

Site Type: State Response

Actual: Site Type Detail: FUDS 27 ft. Acres: 1549
National Priorities List: NO

Cleanup Oversight Agencies: RWQCB 8 - Santa Ana Lead Agency Description: RWQCB 8 - Santa Ana

Project Manager: Sue Hakim
Supervisor: Robert Senga
Division Branch: Cleanup Cypress

Site Code: 400332 Site Mgmt. Req.: NONE SPECIFIED

Assembly: 72
Senate: 34
Special Program Status: DSMOA
Status: No Further Action

Status Date: 02/03/2010
Restricted Use: NO
Funding: DERA

RESPONSE

LUST

ENVIROSTOR

S106387296

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

EDR ID Number

Latitude: 33.79916 Longitude: -118.0547

APN: NONE SPECIFIED

Past Use: FIRE TRAINING AREAS, FIRING RANGE - SMALL ARMS ETC...

Potential COC: Munitions Debris (MD Lead Aminodinitrotoluene 1,3,5-Trinitrobenzene

Trinitrophenylmethylnitramine 2,4,6-Trinitrotoluene Zinc

Confirmed COC: 30051-NO 32000-NO 30580-NO 30581-NO 30582-NO 30594-NO 30013-NO

31000-NO

Potential Description: SOIL

Alias Name: ARMED FORCES RESERVE CENTER LOS ALAMITOS

Alias Type: Alternate Name
Alias Name: LOS ALAMITOS AFRC
Alias Type: Alternate Name
Alias Name: 110033606774
Alias Type: EPA (FRS #)
Alias Name: T0605900553
Alias Type: GeoTracker Global ID

Alias Name: T0605900572

Alias Type: GeoTracker Global ID

Alias Name: T0605901297

Alias Type: GeoTracker Global ID
Alias Name: T0605911429
Alias Type: GeoTracker Global ID
Alias Name: T0605912556
Alias Type: GeoTracker Global ID

Alias Name: T060592093

Alias Type: GeoTracker Global ID
Alias Name: T0605926698
Alias Type: GeoTracker Global ID
Alias Name: T0605960022
Alias Type: GeoTracker Global ID
Alias Name: T0605969865
Alias Type: GeoTracker Global ID

Alias Name: T060653541

Alias Type: GeoTracker Global ID
Alias Name: CA8572890517

Alias Type: HWTS Identification Code

Alias Name: 400332

Alias Type: Project Code (Site Code)

Alias Name: 30490037

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit

Completed Sub Area Name: SITE9

Completed Document Type: *Action Memorandum (if <\$1M)

Completed Date: 04/21/1997 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 02/15/1996 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Direction Distance

Elevation Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

EDR ID Number

Completed Date: 04/27/1995 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)

Completed Date: 09/03/2008

Comments: DTSC agreed with the reports recommendation of Interim Site

Evaluation Accomplished for the Phelan Small Arms Range and the range

ineligibility for the active army military munitions response

program. Furthermore, DTSC agrees with the Army s conclusions and recommendation statement that to the best of our knowledge, the Army

has determined that no further evaluation will be taken unless information indicating that this decision was not appropriate becomes

available.

Not reported Future Area Name: Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported

ENVIROSTOR:

 Facility ID:
 30490037

 Status:
 No Further Action

 Status Date:
 02/03/2010

 Site Code:
 400332

 Site Type:
 State Response

Site Type Detailed: FUDS Acres: 1549 NPL: NO

Regulatory Agencies: RWQCB 8 - Santa Ana Lead Agency: RWQCB 8 - Santa Ana

Program Manager: Sue Hakim
Supervisor: Robert Senga
Division Branch: Cleanup Cypress

Assembly: 72
Senate: 34
Special Program: DSMOA
Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED

Funding: DERA
Latitude: 33.79916
Longitude: -118.0547

APN: NONE SPECIFIED

Past Use: FIRE TRAINING AREAS, FIRING RANGE - SMALL ARMS ETC...
Potential COC: Munitions Debris (MD Lead Aminodinitrotoluene 1,3,5-Trinitrobenzene

Trinitrophenylmethylnitramine 2,4,6-Trinitrotoluene Zinc

Confirmed COC: 30051-NO 32000-NO 30580-NO 30581-NO 30582-NO 30594-NO 30013-NO

31000-NO

Potential Description: SOIL

Alias Name: ARMED FORCES RESERVE CENTER LOS ALAMITOS

Alias Type: Alternate Name

Direction Distance

Elevation Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

EDR ID Number

Alias Name: LOS ALAMITOS AFRC Alias Type: Alternate Name Alias Name: 110033606774 Alias Type: EPA (FRS#) Alias Name: T0605900553 Alias Type: GeoTracker Global ID Alias Name: T0605900572 Alias Type: GeoTracker Global ID Alias Name: T0605901297 Alias Type: GeoTracker Global ID

 Alias Name:
 T0605911429

 Alias Type:
 GeoTracker Global ID

 Alias Name:
 T0605912556

Alias Type: GeoTracker Global ID
Alias Name: T060592093

Alias Type: GeoTracker Global ID
Alias Name: T0605926698
Alias Type: GeoTracker Global ID

Alias Name: T0605960022

Alias Type: GeoTracker Global ID

Alias Name: T0605969865

Alias Type: GeoTracker Global ID
Alias Name: T060653541
Alias Type: GeoTracker Global ID
Alias Name: CA8572890517

Alias Type: HWTS Identification Code

Alias Name: 400332

Alias Type: Project Code (Site Code)

Alias Name: 30490037

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit

Completed Sub Area Name: SITE9

Completed Document Type: *Action Memorandum (if <\$1M)

Completed Date: 04/21/1997 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 02/15/1996 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 04/27/1995 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)

Completed Date: 09/03/2008

Comments: DTSC agreed with the reports recommendation of Interim Site

Evaluation Accomplished for the Phelan Small Arms Range and the range

ineligibility for the active army military munitions response

program. Furthermore, DTSC agrees with the Army s conclusions and

Distance Elevation Site

Site Database(s) EPA ID Number

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

EDR ID Number

recommendation statement that to the best of our knowledge, the Army has determined that no further evaluation will be taken unless information indicating that this decision was not appropriate becomes available .

Not reported Future Area Name: Not reported Future Sub Area Name: Future Document Type: Not reported Not reported Future Due Date: Schedule Area Name: Not reported Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported

LUST REG 8:

Region: 8
County: Orange

Regional Board: Santa Ana Region

Facility Status: Remedial action (cleanup) Underway

Case Number: 083003835T Local Case Num: Not reported Case Type: Aguifer affected Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported Cross Street: **GETTYSBERG** Enf Type: Not reported Funding: Not reported Tank Closure How Discovered: How Stopped: Close Tank Leak Cause: Corrosion Leak Source: Piping Global ID: T0605912556

How Stopped Date: 10/15/1987 Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: 10/1/1987 **Enforcement Date:** Not reported Not reported Close Date: Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 10/2/1989 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: 4/17/1997 Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported

GW Qualifies: =

Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: DOD 33.7940899 Latitude: Longitude: -118.0578713 MTBE Date: 12/16/1999 Max MTBE GW: 9.7

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOINT FORCES TRAINING BASE, LOS ALAMITOS (Continued)

S106387296

N/A

MTBE Concentration:

Max MTBE Soil: Not reported

MTBE Fuel:

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

MTBE Class: **JCB** Staff: Staff Initials: SAS

Regional Board Lead Agency:

Local Agency: 30000L

COASTAL PLAIN OF ORA Hydr Basin #:

 MS_T Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Work Suspended: Not reported

Summary: SITE COVERED BY DVPE SYSTEM INSTALLED FOR BLDG 35 RELEASE

G34 **NAS LOS ALAMITOS ENVIROSTOR** S107736812

ENE

1/2-1 LOS ALAMITOS, CA

0.556 mi.

2936 ft. Site 1 of 2 in cluster G

ENVIROSTOR: Relative: Facility ID: 80000646

Higher Inactive - Needs Evaluation Status:

Actual: Status Date: 07/01/2005 26 ft. Site Code: Not reported

Site Type: Military Evaluation

Site Type Detailed: **FUDS** Not reported Acres: NPL: NO

SMBRP Regulatory Agencies: Lead Agency: **SMBRP** Program Manager: Not reported Douglas Bautista Supervisor: Division Branch: Cleanup Cypress

Assembly: 72 34 Senate:

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED

Funding: **DERA** 33.79166 Latitude: Longitude: -118.0527 APN:

NONE SPECIFIED Past Use: NONE SPECIFIED Potential COC: NONE SPECIFIED Confirmed COC: NONE SPECIFIED Potential Description: NONE SPECIFIED Alias Name: CA99799F593900 Alias Type: Federal Facility ID Alias Name: J09CA1044

Alias Type: **INPR** Alias Name: 80000646

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NAS LOS ALAMITOS (Continued)

S107736812

S107737117

N/A

ENVIROSTOR

Completed Sub Area Name: Not reported Not reported Completed Document Type: Completed Date: Not reported Comments: Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported

G35 LOS ALAMITOS RAD BOMB/SCORE SITE

ENE

LOS ALAMITOS, CA 1/2-1

0.556 mi.

2936 ft. Site 2 of 2 in cluster G

ENVIROSTOR: Relative:

80000425 Facility ID: Higher

Status: Inactive - Action Required Actual:

Status Date: 09/29/2017 26 ft. Site Code: Not reported Site Type: Military Evaluation

> Site Type Detailed: **FUDS** Acres: 10 NPL: NO Regulatory Agencies: **SMBRP** Lead Agency: **SMBRP** Program Manager: Not reported Supervisor: Eileen Mananian Cleanup Cypress Division Branch:

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED

Funding: **DERA** Latitude: 33.79166 Longitude: -118.0527 APN:

NONE SPECIFIED NONE SPECIFIED Past Use: Potential COC: Explosives (UXO, MEC Confirmed COC: NONE SPECIFIED NONE SPECIFIED Potential Description: Alias Name: CA99799F557100 Federal Facility ID Alias Type: Alias Name: J09CA0561 **INPR** Alias Type:

Alias Type: **Envirostor ID Number**

80000425

Completed Info:

Alias Name:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

LOS ALAMITOS RAD BOMB/SCORE SITE (Continued)

S107737117

VCP

EDR ID Number

Completed Document Type: Inventory Project Report (INPR)

Completed Date: 02/24/1993 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Site Screening Completed Date: 07/17/2017 Comments: Not reported

Future Area Name: Not reported Not reported Future Sub Area Name: Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported

H36 **SAFETY - KLEEN CORP ENVIROSTOR** U003782930 North 3876 FLORISTA ST **UST** N/A

1/2-1 LOS ALAMITOS, CA 90720

2942 ft.

0.557 mi. **SWEEPS UST** Site 1 of 2 in cluster H **Financial Assurance**

ENVIROSTOR: Relative:

Facility ID: 60001792 Higher Status: Active Actual: Status Date: 08/01/2012 25 ft. Site Code: 401619

> Site Type: Voluntary Cleanup Site Type Detailed: Voluntary Cleanup

Acres: NPL: NO Regulatory Agencies: **SMBRP**

Lead Agency: **SMBRP** Program Manager: Hossein Nassiri Supervisor: **Emad Yemut**

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 67 Senate: 34

Special Program: Voluntary Cleanup Program

Restricted Use: NO

NONE SPECIFIED Site Mgmt Req: Funding: Responsible Party

33.80555 Latitude: Longitude: -118.0647 APN:

NONE SPECIFIED Past Use: NONE

Potential COC: NONE SPECIFIED No Contaminants found

Confirmed COC: 31000-NO Potential Description: IΑ

Alias Name: 401619

Alias Type: Project Code (Site Code)

60001792 Alias Name:

Envirostor ID Number Alias Type:

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY - KLEEN CORP (Continued)

U003782930

EDR ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/14/2016

Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/28/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 12/06/2016 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Design/Implementation Workplan

Completed Date: 10/08/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/10/2013

Comments: DTSC's geologist reviewed and approved to the response letter.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Soils Management Plan

Completed Date: 03/28/2016
Comments: 03/28/2016

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 09/06/2012

Comments: A Reimbursement Agreement for Consultative Services between PDP Los

Alamitos Dev LLC and DTSC was executed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 05/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 07/14/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY - KLEEN CORP (Continued)

U003782930

EDR ID Number

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/21/2013

Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/30/2015 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/09/2015

Comments: FY 1516 Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/25/2016
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction

Future Due Date: 2018

Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported

Schedule Document Type: Reimbursement Agreement

Schedule Due Date: 11/05/2017 Schedule Revised Date: Not reported

UST:

Facility ID: 4589

Permitting Agency: ORANGE COUNTY

Latitude: 33.80443 Longitude: -118.06445

VCP:

Facility ID: 60001792
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED

Acres: 1
National Priorities List: NO

Cleanup Oversight Agencies: SMBRP Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Hossein Nassiri Supervisor: Emad Yemut

Division Branch: Southern California Schools & Brownfields Outreach

 Site Code:
 401619

 Assembly:
 67

 Senate:
 34

Special Programs Code: Voluntary Cleanup Program

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY - KLEEN CORP (Continued)

U003782930

Status: Active Status Date: 08/01/2012

NO Restricted Use:

Responsible Party Funding: Lat/Long: 33.80555 / -118.0647 NONE SPECIFIED APN:

Past Use: NONE

Potential COC: NONE SPECIFIED, 31000

Confirmed COC: 31000-NO Potential Description: IΑ Alias Name: 401619

Alias Type: Project Code (Site Code)

60001792 Alias Name:

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/14/2016

FY 1617 Annual Oversight Cost Estimate completed and mailed. Comments:

Completed Area Name: **PROJECT WIDE** Completed Sub Area Name: Not reported

Annual Oversight Cost Estimate Completed Document Type:

Completed Date: 09/28/2017 Comments: Not reported

Completed Area Name: **PROJECT WIDE** Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 12/06/2016 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Design/Implementation Workplan

Completed Date: 10/08/2013 Comments: Not reported

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: Other Report Completed Date: 09/10/2013

Comments: DTSC's geologist reviewed and approved to the response letter.

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported

Completed Document Type: Soils Management Plan

Completed Date: 03/28/2016 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 09/06/2012

Comments: A Reimbursement Agreement for Consultative Services between PDP Los

Alamitos Dev LLC and DTSC was executed.

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY - KLEEN CORP (Continued)

U003782930

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 05/24/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 07/14/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/21/2013

Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/30/2015 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/09/2015

Comments: FY 1516 Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Reimbursement Agreement

Completed Date: 04/25/2016
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction

Future Due Date: 2018

Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported

Schedule Document Type: Reimbursement Agreement

Schedule Due Date: 11/05/2017 Schedule Revised Date: Not reported

SWEEPS UST:

Status: Active
Comp Number: 4589
Number: 9

Board Of Equalization: 44-016225
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 30-000-004589-000004

Tank Status: A

Direction
Distance

Elevation Site Database(s) EPA ID Number

SAFETY - KLEEN CORP (Continued)

U003782930

EDR ID Number

Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 3

 Status:
 Active

 Comp Number:
 4589

 Number:
 9

 Board Of Equalization:
 44-016225

 Referral Date:
 09-30-92

 Action Date:
 09-15-92

Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-004589-000005

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 4589
Number: 9
Board Of Equalization: 44-016

Board Of Equalization: 44-016225
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 30-000-004589-000006

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: OTHER
Number Of Tanks: Not reported

CA Financial Assurance 1:

EPA ID Number: CAD066177783 80001452

Sudden Amount1: \$2,000,000.00
Non Sudden Amount1: Not reported
Closure Mechanism: Ins

Closure Amount: \$196,875.00

Post Closure Mechanism: Ins

Post Closure Amount: \$304,843.00
Corrective Action Mechanism: Not reported
Corrective Action Amount: Not reported
Sudden Mechanism Type: Ins

Sudden Mechanism Amount: \$1,000,000.00

Non Sudden Mechanism Type: Not reported

Non Sudden Mechanism Amount: Not reported

O and M Mechanism Type: Not reported

O and M Amount: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY - KLEEN CORP (Continued)

U003782930

RCRA-TSDF

RCRA-SQG

HIST UST

FINDS

ECHO

HWP

CA FID UST US FIN ASSUR

ENVIROSTOR LUST

Closure Mechanism Date of Mechanism: 11/17/2016 Closure Mechanism Renewal Date: Not reported Closure Mechanism Provider:

Indian Harbor Ins. Co. Postclosure Mechanism Date of Mechanism: 11/17/2016

Postclosure Mechanism Renewal Date: Not reported Postclosure Mechanism Provider: 307892 O and M Mechanism Date of Mechanism: Not reported Not reported O and M Mechanism Renewal Date: O and M Mechanism Provider: Not reported Corrective Action Mechanism Date of Mechanism: Not reported Not reported Corrective Action Mechanism Renewal Date: Not reported Corrective Action Mechanism Provider: Sudden Mechanism Date of Mechanism: 11/1/2016

Sudden Mechanism Renewal Date: Not reported Indian Harbor Ins. Co. Sudden Mechanism Provider:

Non-Sudden Mechanism Date of Mechanism: Not reported Non-Sudden Mechanism Renewal Date: Not reported Not reported Non-Sudden Mechanism Provider:

Date Entered into EnviroStor: 2016-11-21 00:00:00

Authorization Type: Cleanup

Comments: Policy #PEC000707312, \$4,117,873, covers multiple facilities

H37 **SAFETY KLEEN CORP 7 088 05** SEMS-ARCHIVE 1000224421 North 3876 FLORISTA ST CORRACTS CAD066177783

1/2-1 LOS ALAMITOS, CA 90720

0.557 mi.

2942 ft. Site 2 of 2 in cluster H

Relative:

Higher Actual: 25 ft.

HIST CORTESE

SEMS Archive:

903376 Site ID: EPA ID: CAD066177783

Cong District: FIPS Code: 6059 FF:

Not on the NPL NPL:

Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: Site ID: 903376 EPA ID: CAD066177783

SAFETY- KLEEN CORP 7-088-05 Site Name:

NPL: FF: Ν OU: n Action Code: VS Action Name:

ARCH SITE

SEQ:

Start Date: Not reported 1996-01-23 00:00:00 Finish Date:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Qual: Not reported EPA Perf In-Hse Current Action Lead:

Region: 903376 Site ID:

EPA ID: CAD066177783 Site Name: SAFETY- KLEEN CORP 7-088-05

NPL: Ν FF: Ν OU: 0 Action Code: DS Action Name: **DISCVRY**

SEQ:

Start Date: 1991-01-01 00:00:00 1991-01-01 00:00:00 Finish Date: Qual: Not reported EPA Perf **Current Action Lead:**

Region: 9 903376 Site ID: EPA ID: CAD066177783

SAFETY- KLEEN CORP 7-088-05 Site Name:

NPL: FF: Ν OU: 0 Action Code: PΑ Action Name: PΑ SEQ:

Start Date: Not reported 1991-09-06 00:00:00 Finish Date:

Qual: **Current Action Lead: EPA Perf**

CORRACTS:

CAD066177783 EPA ID:

EPA Region: 09

ENTIRE FACILITY Area Name:

Actual Date: 19970801

Action: CA150 - RFI Workplan Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

CAD066177783 EPA ID:

EPA Region: 09

Area Name: **ENTIRE AREA** Actual Date: 19920601

CA050 - RFA Completed Action: NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20050602

Action: CA050 - RFA Completed NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: 20050602 Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20160208

Action: CA300 - CMS Workplan Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20010109

Action: CA200 - RFI Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20060412

Action: CA600EC - Stabilization Measures Implemented, Primary measure is

exposure control by barrier and/or institutional control

NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE AREA
Actual Date: 19960416
Action: CA805

NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20160119

Action: CA260 - CMS Workplan Received NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: 20160301 Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20080922

Action: CA155 - RFI Supplemental Information Requested By Agency

NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20070323

Action: CA155 - RFI Supplemental Information Requested By Agency

NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19990826

Action: CA200 - RFI Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19990826

Action: CA150 - RFI Workplan Approved NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

EDR ID Number

1000224421

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Area Name: **ENTIRE AREA** Actual Date: 20040728

CA600 - Stabilization Measures Implemented Action:

NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

ENTIRE FACILITY Area Name:

Actual Date: 20040728

Action: CA600EC - Stabilization Measures Implemented, Primary measure is

exposure control by barrier and/or institutional control

NAICS Code(s): 44131 42183 42272 561499

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region:

Area Name: **ENTIRE AREA** Actual Date: 19910729

CA050 - RFA Completed Action: NAICS Code(s): 44131 42183 42272 561499

09

Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region:

Area Name: **ENTIRE FACILITY**

Actual Date: 20060629

CA150 - RFI Workplan Approved Action: NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD066177783

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 19920630

Action: CA050 - RFA Completed NAICS Code(s): 44131 42183 42272 561499

> Automotive Parts and Accessories Stores All Other Business Support Services

Original schedule date: 19920630 Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 09/01/1996

SAFETY KLEEN CORP 7 088 05 Facility name:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Facility address: 3876 FLORISTA ST

LOS ALAMITOS, CA 90720

CAD066177783 EPA ID: 777 BIG TIMBER RD Mailing address:

ELGIN, IL 60123

Contact: Not reported Contact address: Not reported

Not reported

US Contact country:

Contact telephone: Not reported Not reported Contact email:

EPA Region: 09

Land type: Facility is not located on Indian land. Additional information is not known.

Classification:

Description: Handler is engaged in the treatment, storage or disposal of hazardous

waste

Owner/Operator Summary:

Owner/operator name: M LOVERNICH Owner/operator address: 3855 KATELLA

LOS ALAMITOS, CA 90720

Owner/operator country: Not reported Owner/operator telephone: 213-431-2546 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: SAFETY-KLEEN CORP ELGIN IL

Owner/operator address: 777 BIG TIMBER RD ELGIN, IL 60123 Owner/operator country: Not reported

Owner/operator telephone: 708-697-8460 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: 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

Direction Distance Elevation

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

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: 03/31/1992

Site name: SAFETY-KLEEN CORP (7-088-05)

Classification: Small Quantity Generator

Date form received by agency: 04/12/1990

Site name: SAFETY-KLEEN CORP (7-088-05)
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980

Site name: SAFETY KLEEN CORP 7 088 05
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 07/29/1991

Event: LEAD AGENCY DETERMINATION

Event date: 07/29/1991

Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 07/29/1991

Event: PA OR CERCLA INSPECTION

Event date: 07/29/1991

Event: RFA COMPLETED

Event date: 06/01/1992

Event: RFA COMPLETED

Event date: 06/30/1992 Event: RFA COMPLETED

Event date: 04/16/1996 Event: CA805

Event date: 04/16/1996

Event: INVESTIGATION IMPOSITION

Event date: 07/03/1997

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 08/01/1997

Event: INVESTIGATION WORKPLAN APPROVED

Event date: 05/03/1999

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 05/03/1999

Event: INVESTIGATION REPORT RECEIVED

Event date: 08/26/1999

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Event: INVESTIGATION COMPLETE

Event date: 08/26/1999

Event: INVESTIGATION WORKPLAN APPROVED

Event date: 11/26/1999

INVESTIGATION REPORT RECEIVED Event:

Event date: 01/09/2001

Event: **INVESTIGATION COMPLETE**

Event date: 07/28/2004

Event: STABILIZATION/INTERIM MEASURES DECISION

Event date:

Event: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS EXPOSURE

CONTROL

Event date: 06/02/2005

Event: RFA COMPLETED

Event date: 07/28/2005

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 04/12/2006

STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS EXPOSURE Event:

CONTROL

Event date: 06/29/2006

INVESTIGATION WORKPLAN APPROVED Event:

Event date: 01/16/2007

Event: INVESTIGATION REPORT RECEIVED

03/23/2007 Event date:

INVESTIGATION SUPPLEMENTAL INFO REQ BY AGENCY Event:

Event date:

INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED Event:

Event date: 07/13/2007 Event: CA805

Event date: 01/15/2008 Event: CA805

Event date: 09/22/2008

Event: INVESTIGATION SUPPLEMENTAL INFO REQ BY AGENCY

Event date: 01/19/2016

CMS WORKPLAN RECEIVED Event:

Event date: 02/08/2016

CMS WORKPLAN APPROVED Event:

Event date: Not reported Event: REEVALUATE IN FY

Direction Distance Elevation

ation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Facility Has Received Notices of Violations:
Regulation violated:
F - 270
Area of violation:
Date violation determined:
Date achieved compliance:
Violation lead agency:

F - 270
TSD - General
12/17/1990
03/29/1991
State

Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 12/17/1990
Date achieved compliance: 03/29/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 01/31/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H

Area of violation: TSD - Financial Requirements

Date violation determined: 05/08/1990
Date achieved compliance: 09/30/1992
Violation lead agency: State

Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H

Area of violation: TSD - Financial Requirements

Date violation determined: 05/08/1990
Date achieved compliance: 09/30/1992
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/22/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

1000224421

EDR ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

Regulation violated: F - 270 TSD - General Area of violation: 04/12/1990 Date violation determined: Date achieved compliance: 06/29/1990 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Not reported Enf. disp. status date: Enforcement lead agency: Not reported Not reported Proposed penalty amount: Not reported Final penalty amount: Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 04/12/1990
Date achieved compliance: 06/29/1990

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/25/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Not reported

Regulation violated: F - 270 TSD - General Area of violation: 03/17/1989 Date violation determined: Date achieved compliance: 07/27/1989 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Not reported Enf. disposition status: Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 03/17/1989
Date achieved compliance: 07/27/1989
Violation lead agency: State

Paid penalty amount:

Enforcement action: INITIAL 3008(A) COMPLIANCE

Not reported

Enforcement action date: 07/27/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 473000
Final penalty amount: 473000
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E

Direction Distance Elevation

EDR ID Number

n Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

Regulation violated:

1000224421

Area of violation: TSD - General Date violation determined: 03/17/1987 Date achieved compliance: 09/15/1987 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

FR - 270

Enforcement action date: 03/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

TSD - General Area of violation: Date violation determined: 03/17/1987 09/15/1987 Date achieved compliance: Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/10/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E Area of violation: TSD - General

Distance Elevation

ation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/10/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure

Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E Area of violation: TSD - General Date violation determined: 03/17/1987

Direction Distance Elevation

Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Date achieved compliance: 09/15/1987 Violation lead agency: State Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 03/17/1987
Date achieved compliance: 09/15/1987
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/03/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/15/1992

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/17/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 03/29/1991 Evaluation lead agency: State

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Evaluation date: 10/05/1990

Evaluation: FINANCIAL RECORD REVIEW

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 05/08/1990

Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements

Date achieved compliance: 09/30/1992 Evaluation lead agency: State

Evaluation date: 04/12/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 06/29/1990 Evaluation lead agency: State

Evaluation date: 04/17/1989

Evaluation: FINANCIAL RECORD REVIEW

Area of violation:
Date achieved compliance:
Evaluation lead agency:
Not reported
State

Evaluation date: 03/17/1989

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 07/27/1989 Evaluation lead agency: State

Evaluation date: 03/17/1987

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: TSD - General Date achieved compliance: 09/15/1987 Evaluation lead agency: State

Evaluation date: 03/17/1987

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Date achieved compliance: 09/15/1987 Evaluation lead agency: State

Evaluation date: 03/17/1987

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 09/15/1987 Evaluation lead agency: State

ENVIROSTOR:

 Facility ID:
 80001452

 Status:
 Active

 Status Date:
 01/01/2008

 Site Code:
 540016

 Site Type:
 Corrective Act

Site Type: Corrective Action
Site Type Detailed: Corrective Action

Acres: 1
NPL: NO
Regulatory Agencies: SMBRP

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Lead Agency: WM

Program Manager: Hossein Nassiri Supervisor: Emad Yemut

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Responsible Party

Latitude: 33.80388 Longitude: -118.0642

APN: NONE SPECIFIED

Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS

Potential COC: Arsenic Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Methyl

tertbutyl ether (MTBE Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Acetone Barium and compounds Chlorobenzene Cobalt Copper and compounds 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethylene 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Ethylbenzene Nickel Thallium and compounds Toluene Vanadium and compounds Xylenes Zinc

Confirmed COC: Arsenic Benzene Thallium and compounds Tetrachloroethylene (PCE

1,1,1-Trichloroethane (TCA Acetone Barium and compounds Copper and compounds 1,2-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Ethylbenzene Nickel Toluene Vanadium and compounds Xylenes Zinc 1,4-Dichlorobenzene Trichloroethylene (TCE 1,3-Dichlorobenzene 1,1-Dichloroethylene Chlorobenzene Cobalt Vinyl chloride Lead Methyl tertbutyl ether (MTBE Total Chromium (1:6 ratio

Cr VI:Cr III

Potential Description: OTH, SOIL
Alias Name: Safety Kleen
Alias Type:
Alternate Name

Alias Type: Alternate Name
Alias Name: CAD066177783

Alias Type: EPA Identification Number

 Alias Name:
 110000739201

 Alias Type:
 EPA (FRS #)

 Alias Name:
 T0605901155

 Alias Type:
 GeoTracker Global ID

Alias Name: 540016

Alias Type: Project Code (Site Code)

Alias Name: 80001452

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 12/02/2009

Comments: The Work Plan included plans to install an additional groundwater

monitoring well to determine the vertical extent of groundwater

contamination. The Work Plan was approved, but comments were included by DTSC to obtain concurrence with DTSC before abandoning any wells.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Information Request Letter

Completed Date: 09/22/2008

Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Comments: Request for additional characterization of the site via a workplan

due to elevated concentrations of VOCs in the groundwater investigation. Report suggests that additional information is needed

to complete the characterization. cs 9/25/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 08/26/1999

Comments: Approval of Phase I RFI Report which was submitted concurrantly with

the Phase II for RFI workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 08/26/1999

Comments: This approval is for the Phase II track. This was approved

concurrently witht the Phase I track RFI report approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/15/2008

Comments: GW reports are quarterly. ps 03/01/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/15/2008

Comments: GW reports are quarterly. ps 07/22/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 06/29/2006

Comments: Supplimental information requested in the 6/29/06 conditional

approval was submitted by the facility and approved in a letter dated

October 18, 2006. Phase III.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Information Request Letter

Completed Date: 03/23/2007

Comments: Request for additional characterization of the site via a workplan

due to elevated concentrations of VOCs in the groundwater

investigation.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Interim Measures Workplan

Completed Date: 07/28/2004

Comments: INTERIM MEASURES IMPOSED

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Interim Measures Workplan

Completed Date: 04/12/2006

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

Comments: APPROVAL LETTER FOR THE FINAL INDOOR AIR SAMPLING SUMMARY REPORT

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: RFI Workplan Completed Date: 08/01/1997

Comments: Phase I workplan approval.

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 07/29/1991 Comments: Not reported

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: Monitoring Report Completed Date: 07/13/2007

Comments: GW reports are quarterly. ps 12/7/07

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: RFI Report Completed Date: 01/09/2001

Comments: Phase II RFI report submitted and approved.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Monitoring Report Completed Date: 02/02/2010 Comments: Report accepted

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Monitoring Report Completed Date: 02/02/2010 Comments: Report accepted

PROJECT WIDE Completed Area Name: Not reported Completed Sub Area Name: Completed Document Type: Monitoring Report Completed Date: 02/02/2010 Comments: QPR accepted

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Monitoring Report Completed Date: 06/14/2010

Comments: Review complete and comments sent

Completed Area Name: **PROJECT WIDE** Completed Sub Area Name: Not reported Completed Document Type: Monitoring Report Completed Date: 02/15/2011 Comments: Complete

Completed Area Name: PROJECT WIDE

Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Workplan

Completed Date: 06/12/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/25/2011

Comments: Project Manager: Nora

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Report

Completed Date: 11/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: *Correspondence - Received

Completed Date: 11/28/2011 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
11/07/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Long Term Monitoring Report

Completed Date: 01/17/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Operations and Maintenance Report

Completed Date: 01/28/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Operations and Maintenance Plan Amendment

Completed Date: 04/08/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/23/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Report

Completed Date: 08/04/2014

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/17/2013
Comments: Not reported

Completed Area Name: Sites With No Operable Unit Completed Sub Area Name: Building Demolition/Parking lot

Completed Document Type: Other Report Completed Date: 02/12/2014

Comments: It is a routine quarterly progress report from RP.

Completed Area Name: Sites With No Operable Unit Completed Sub Area Name: Building Demolition/Parking lot

Completed Document Type: Other Report Completed Date: 02/10/2014

Comments: No letter needed, just Quarterly Progress Report

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 08/30/2017

Comments: FY 1718 Annual Oversight Cost Estimate completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 06/02/2005 Comments: phase III

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 06/30/1992 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 07/14/2014 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/21/2013

Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/13/2009

Comments: Jason Twomey 10852 Kyle Street Los Alamitos, CA 90720 Added to

mailing list for the site per Laduke

Distance Elevation

ion Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/25/2015

Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Corrective Measures Study Workplan

Completed Date: 02/08/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Report

Completed Date: 03/02/2015 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Corrective Measures Study Workplan Addendum

Completed Date: 03/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Completed Date: 07/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 07/29/1991

Comments: RCRA Preliminary Assessment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Completed Date: 04/16/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/06/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/02/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/14/2016

Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/08/2015

Comments: FY1516 Annual Oversight Cost Estimate.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/29/2011 Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported

Future Document Type: Corrective Measure Implementation Workplan

Future Due Date: 2018

Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported

Schedule Document Type: Corrective Measures Study Report

Schedule Due Date: 08/30/2017

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Not reported Schedule Revised Date: PROJECT WIDE Schedule Area Name: Not reported Schedule Sub Area Name: Schedule Document Type: Public Notice Schedule Due Date: 03/13/2018 Schedule Revised Date: Not reported PROJECT WIDE Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: Fact Sheets Schedule Due Date: 03/14/2018 Schedule Revised Date: Not reported PROJECT WIDE Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: Community Profile Schedule Due Date: 03/14/2018 Schedule Revised Date: Not reported Schedule Area Name: PROJECT WIDE Schedule Sub Area Name: Not reported

Schedule Document Type: Remedy Selection and Statement of Basis

Schedule Due Date: 03/31/2018
Schedule Revised Date: Not reported

LUST:

Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901155

Global Id: T0605901155
Latitude: 33.8043
Longitude: -118.0645571

Status: Open - Site Assessment

Status Date: 04/17/1991
Case Worker: Not reported
RB Case Number: 083001515T
Local Agency: Not reported
File Location: Not reported
Local Case Number: 90UT117

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: * Chlorinated Hydrocarbons

Site History: Site overseen by DTSC. See DTSC's Envirostor Database for status on

sites.

LUST:

Global Id: T0605901155

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500

City: RIVERSIDE

Email: tmbeke-ekanem@waterboards.ca.gov

Phone Number: 9513202007

LUST:

Global Id: T0605901155
Action Type: ENFORCEMENT
Date: 01/01/1994

Action: Technical Correspondence / Assistance / Other

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

 Global Id:
 T0605901155

 Action Type:
 ENFORCEMENT

 Date:
 03/10/2009

 Action:
 File review

 Global Id:
 T0605901155

 Action Type:
 RESPONSE

 Date:
 11/30/2003

 Action:
 Unknown

 Global Id:
 T0605901155

 Action Type:
 Other

 Date:
 01/25/1990

 Action:
 Leak Discovery

Global Id: T0605901155
Action Type: ENFORCEMENT
Date: 10/18/2006

Action: Technical Correspondence / Assistance / Other

Global Id: T0605901155
Action Type: ENFORCEMENT
Date: 04/26/2006

Action: Technical Correspondence / Assistance / Other

 Global Id:
 T0605901155

 Action Type:
 Other

 Date:
 05/08/1990

 Action:
 Leak Reported

LUST:

Global Id: T0605901155

Status: Open - Case Begin Date

Status Date: 01/25/1990

Global Id: T0605901155

Status: Open - Site Assessment

Status Date: 05/14/1990

Global Id: T0605901155

Status: Open - Site Assessment

Status Date: 04/17/1991

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 90UT117
Released Substance: Mineral spirits
Date Closed: 04/16/1993
Record ID: RO0002182

LUST REG 8:

Region: 8
County: Orange

Regional Board: Santa Ana Region
Facility Status: Pollution Characterization

Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Case Number: 083001515T
Local Case Num: 90UT117
Case Type: Aquifer affected

Case Type: Aquifer affected
Substance: Chlorinated Hydrocarbons

Qty Leaked:Not reportedAbate Method:Not reportedCross Street:KYLEEnf Type:None TakenFunding:Not reportedHow Discovered:OM

How Stopped:
Leak Cause:
Leak Source:
Global ID:
How Stopped Date:
How Stopped Date:
Enter Date:
Date Confirmation of Leak Began:

Not reported
4/30/1990
5/14/1990

Date Preliminary Assessment Began: 5/14/1990 Discover Date: 1/25/1990 **Enforcement Date:** 1/1/1965 Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 4/17/1991 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported 4/30/1990 Enter Date: **GW Qualifies:** Not reported Not reported Soil Qualifies: Operator: Not reported Facility Contact: Not reported

Facility Contact:
Interim:
Not reported
Interim:
Not reported
Oversite Program:
LUST
Latitude:
33.8043
Longitude:
-118.0645571
MTBE Date:
Not reported
Max MTBE GW:
Not reported

MTBE Concentration: 0

Max MTBE Soil: Not reported

MTBE Fuel: 0

MTBE Tested: Not Required to be Tested.

MTBE Class:

Staff: TME Staff Initials: SAS

Lead Agency: Regional Board

Local Agency: 30000L

Hydr Basin #: COASTAL PLAIN OF ORA

Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported

Summary: 2.8PPB OF TCE FOUND IN THE GW FROM MW-1 PCE, 1,1,1-TCA, XYLENE AND 1,2-DCB

FOUND IN SOIL SAMPLES COLLECTED 15FT. FROM BORINGS B2 AND B3. SAFETY KLEEN FILED BANKRUPTCY ON AUGUST 11, 2000. DTSC TO FILE CLAIM ON BEFHALF OF THE

STATE. 10/18/2000

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

HIST UST:

File Number: 0002ED77

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ED77.pdf

Region: STATE Facility ID: 00000006125

Facility Type: Other

PARTS WASHER SERVICE Other Type: Contact Name: TOM SWEATT

Telephone: 3126978460

Owner Name: SAFETY-KLEEN CORP. 655 BIG TIMBER ROAD Owner Address:

Owner City, St, Zip: ELGIN, IL 60120

Total Tanks: 0003

Tank Num: 001 Container Num: 01 Year Installed: 1977 Tank Capacity: 00010000 Tank Used for: WASTE Type of Fuel: Not reported

Container Construction Thickness:

Leak Detection: Visual, Stock Inventor

002 Tank Num: Container Num: 02 Year Installed: 1977 Tank Capacity: 00001000 Tank Used for: WASTE Type of Fuel: Not reported

Container Construction Thickness: 1875

Leak Detection: Visual, Stock Inventor

003 Tank Num: Container Num: 03 Year Installed: 1977 Tank Capacity: 00010000 Tank Used for: **PRODUCT** Type of Fuel: Not reported

Container Construction Thickness: .25

Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

30001021 Facility ID: Regulated By: **UTNKA** Regulated ID: Not reported Cortese Code: Not reported Not reported SIC Code: Facility Phone: 2135985898 Mail To: Not reported

777 BIG TIMBER RD Mailing Address:

Mailing Address 2: Not reported

LOS ALAMITOS 90720 Mailing City, St, Zip:

Contact: Not reported Contact Phone: Not reported

MAP FINDINGS Map ID Direction

Elevation

Distance

Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

DUNs Number: Not reported NPDES Number: Not reported Not reported EPA ID: Not reported Comments: Status: Active

US FIN ASSUR:

EPA ID: CAD066177783

Provider: INDIAN HARBOR INS. CO.

EPA region:

Not reported County: Mechanism type: **INSURANCE** Mechanism ID: PEC000707309 Cost estimate: 180413 462562 Face value:

Effective date: 2010-11-17 00:00:00

EPA ID: CAD066177783

Provider: INDIAN HARBOR INS. CO.

EPA region:

County: Not reported **INSURANCE** Mechanism type: Mechanism ID: PEC000707309

Cost estimate: 282149 462562 Face value:

Effective date: 2010-11-17 00:00:00

EPA ID: CAD066177783 Provider: GREENWICH INS. CO.

EPA region: 9

County: Not reported Mechanism type: **INSURANCE** Mechanism ID: PEC002102005 Cost estimate: 2000000

Face value: 2000000

2011-09-01 00:00:00 Effective date:

FINDS:

Registry ID: 110000739201

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000224421 Registry ID: 110000739201

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000739201

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001515T

HWP:

EPA ld: CAD066177783

Cleanup Status: UNDERGOING CLOSURE

Latitude: 33.80388 Longitude: -118.0642

Facility Type: Historical - Non-Operating

Facility Size:

Team:

Not reported

Supervisor:

Not reported

Site Code:

Assembly District:

72

Senate District:

34

Public Information Officer: Not reported Public Information Officer: Not reported

Activities:

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - FINAL PERMIT

Actual Date: 03/18/1988

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - CALL-IN LETTER ISSUED

Actual Date: 03/09/1983

EPA Id: CAD066177783
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)

Actual Date: 03/18/1988

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)

Actual Date: 09/17/1985

EPA Id: CAD066177783

Direction Distance

Elevation Site Database(s) EPA ID Number

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

EDR ID Number

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - APPLICATION PART B RECEIVED

Actual Date: 07/02/1985

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating Unit Names: CONTAIN1, TANKSTR1

Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)

Actual Date: 03/18/1993

Closure:

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: TANKSTR1

Event Description: New Post-Closure Permit - APPLICATION PART B RECEIVED

Actual Date: 11/18/2002

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Event Description: Closure - CLOSURE PLAN RECEIVED

Actual Date: 05/17/1991

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Event Description: Closure - CLOSURE PLAN APPROVED

Actual Date: 07/11/1994

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: TANKSTR1

Event Description: New Post-Closure Permit - CALL-IN LETTER ISSUED

Actual Date: 06/28/2002

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: TANKSTR1

Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY

Actual Date: 08/24/2006

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Event Description: Closure - ISSUE CLOSURE VERIFICATION

Actual Date: 09/28/1998

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

Event Description: Closure - 1ST NOTICE OF DEFICIENCY ISSUED

Actual Date: 08/01/1991

EPA ld: CAD066177783

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SAFETY KLEEN CORP 7 088 05 (Continued)

1000224421

S118757309

N/A

VCP

EDR ID Number

Event Description: Closure - RECEIVE CLOSURE CERTIFICATION

Actual Date: 09/27/1997

Alias:

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating

Alias Type: **FRS**

110000739201 Alias:

EPA Id: CAD066177783

Facility Type: Historical - Non-Operating Alias Type: Project Code (Site Code)

540016 Alias:

ENVIROSTOR

38 **GRANADA CLEANERS**

NNW 3391 KATELLA AVENUE 1/2-1 LOS ALAMITOS, CA 90720

0.587 mi. 3101 ft.

ENVIROSTOR: Relative:

Higher Facility ID: 60002356 Status: Active Actual: Status Date: 05/16/2016 23 ft. Site Code: 401757

> Site Type: Voluntary Cleanup Site Type Detailed: Voluntary Cleanup

Acres: 0.14 NPL: NO Regulatory Agencies: **SMBRP** Lead Agency: **SMBRP** Chia Rin Yen Program Manager: Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

, 72 Assembly: Senate: , 34 Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Responsible Party

Latitude: 33.80332 Longitude: -118.0733 APN: NONE SPECIFIED Past Use: **DRY CLEANING**

Tetrachloroethylene (PCE Potential COC: Confirmed COC: Tetrachloroethylene (PCE

Potential Description: SOIL. SV 401757 Alias Name:

Alias Type: Project Code (Site Code)

60002356 Alias Name:

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 06/01/2017 Map ID MAP FINDINGS
Direction

Direction Distance

Elevation Site Database(s) EPA ID Number

GRANADA CLEANERS (Continued)

S118757309

EDR ID Number

Comments: Scoping meeting was held on 6/1/2017 to discuss additional

investigation needed for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/15/2017

Comments: Notification of the designated PM per VCA requirement.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/13/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/03/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/16/2016

Comments: Background reports - Phase I and Phase II

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 09/12/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 05/01/2017

Comments: Agreement fully executed.

Future Area Name:

Future Sub Area Name:

Future Document Type:

Future Due Date:

Schedule Area Name:

Not reported

Not reported

Not reported

PROJECT WIDE

Schedule Sub Area Name:

Not reported

Schedule Document Type: Preliminary Endangerment Assessment Report

Schedule Due Date: 05/30/2018 Schedule Revised Date: Not reported

VCP:

Facility ID: 60002356

Direction Distance

Elevation Site Database(s) EPA ID Number

GRANADA CLEANERS (Continued)

S118757309

EDR ID Number

Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED

Acres: 0.14
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Chia Rin Yen Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

Site Code: 401757
Assembly: , 72
Senate: , 34
Special Programs Code: Not reported Status: Active

Status Date: 05/16/2016

Restricted Use: NO

Funding: Responsible Party
Lat/Long: 33.80332 / -118.0733
APN: NONE SPECIFIED
Past Use: DRY CLEANING

Potential COC: 30022
Confirmed COC: 30022
Potential Description: SOIL, SV
Alias Name: 401757

Alias Type: Project Code (Site Code)

Alias Name: 60002356

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 06/01/2017

Comments: Scoping meeting was held on 6/1/2017 to discuss additional

investigation needed for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/15/2017

Comments: Notification of the designated PM per VCA requirement.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/13/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

GRANADA CLEANERS (Continued)

S118757309

EDR ID Number

Completed Document Type: Correspondence
Completed Date: 05/03/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/16/2016

Comments: Background reports - Phase I and Phase II

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 09/12/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 05/01/2017

Comments: Agreement fully executed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported

Schedule Document Type: Preliminary Endangerment Assessment Report

Schedule Due Date: 05/30/2018
Schedule Revised Date: Not reported

39 LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT

ENVIROSTOR S110372607 SCH N/A

North 10862 BLOOMFIELD STREET 1/2-1 LOS ALAMITOS, CA 90720

0.614 mi. 3243 ft.

Relative: ENVIROSTOR:

Higher Facility ID: 30590004

Status: Inactive - Action Required

 Actual:
 Status Date:
 02/02/2010

 26 ft.
 Site Code:
 404364

Site Type: School Cleanup

Site Type Detailed: School
Acres: 1.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Angela Garcia
Supervisor: Shahir Haddad

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: School District

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Latitude: 33.80655 Longitude: -118.0617

APN: NONE SPECIFIED Past Use: * RETIAL - MISC.

Potential COC: Polychlorinated biphenyls (PCBs TPH-diesel

Confirmed COC: NONE SPECIFIED Potential Description: SOIL, SV, SURFW

Alias Name: LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT

Alias Type: Alternate Name

Alias Name: ORANGE COE-EASEMENT-ALAMITOS ES

Alias Type: Alternate Name

Alias Name: ORANGE COUNTY DEPARTMENT OF EDUCATION

 Alias Type:
 Alternate Name

 Alias Name:
 110022057361

 Alias Type:
 EPA (FRS #)

 Alias Name:
 404364

Alias Type: Project Code (Site Code)

Alias Name: 30590004

Alias Type: Envirostor ID Number

Alias Name: 60001323

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/02/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 06/10/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Report

Completed Date: 06/18/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 02/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Workplan

Completed Date: 08/29/2003 Comments: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 12/19/2007

Comments: Project was termianted by the Orange County Department of Education.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 12/15/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening

Completed Date: 10/15/2010

Comments: The site screening has been approved.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 08/05/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/05/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 08/19/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 07/24/2002 Comments: Not reported

Future Area Name: Not reported Not reported Future Sub Area Name: Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Not reported Not reported Schedule Sub Area Name: Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

 Facility ID:
 60001323

 Status:
 Certified

 Status Date:
 01/09/2013

 Site Code:
 404847

 Site Type:
 School Cleanup

Site Type Detailed: School
Acres: 2.2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Christine Chiu
Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: School District Latitude: 33.80669 Longitude: -118.0619 APN: 241-241-35

Past Use: RAILROAD RIGHT OF WAY

Potential COC: Arsenic Polynuclear aromatic hydrocarbons (PAHs

Confirmed COC: Arsenic 30019-NO

Potential Description: SOIL

Alias Name: Los Alamitos Elementary School

Alias Type: Alternate Name

Alias Name: Los Alamitos Elementary School Easement

Alias Type: Alternate Name

Alias Name: Oral Deaf and Hard of Hearing Program

Alias Type: Alternate Name
Alias Name: 241-241-35
Alias Type: APN
Alias Name: 404847

Alias Type: Project Code (Site Code)

Alias Name: 30590004

Alias Type: Envirostor ID Number

Alias Name: 60001323

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/03/2013

Comments: On September 3, 2013, DTSC recognized that the District completed the

Hazardous Substances Subgrant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/07/2011

Comments: On March 7, 2011, DTSC provided recommendations to the Los Alamitos

Unified School District based on the current Site condition and use:
1) monitor and maintain the Site to prevent exposure to contaminated soil; and 2) notify DTSC and coordinate necessary mitigation measures

should the current Site condition and/or use change.

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: *Correspondence - Received

Completed Date: 05/04/2011

Comments: In a letter, dated May 4, 2011, DTSC responded to the letter from the

Board of Education, Los Alamitos Unified School District. The letter summarized the April 14, 2011 meeting discussion regarding DTSC's Revolving Loan Fund Program and indicated DTSC will contact UPRC to

facilitate in the cleanup effort.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/03/2012

Comments: On January 3, 2012, the Fact Sheet announcing the public comment

period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration was mailed. In addition, the Fact Sheet was emailed to parents and faculty of the Los Alamitos Elementary School, McAuliffe Midle School, and Deaf and Hard of Hearing School (Orange County

Department of Education).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/09/2012

Comments: The Community Profile, dated January 2012, was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/04/2012

Comments: On January 4, 2012, the public notice ad was published in the News

Enterprise. The public notice announced the public comment period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration

to start January 4, 2012 and end on February 3, 2012.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Workplan Amendment

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC approved the Removal Action Workplan,

including the Amendment to the RAW, for implementation.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 12/27/2012

Comments: On December 27, 2012, DTSC approved the Removal Action Completion

Report with a No Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/27/2012

Comments: On August 27, 2012, DTSC observed site conditions and RAW fieldwork

appears completed (i.e., parking lot striping was completed).

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Form 1479 - Site and Collections Summary

Completed Date: 09/12/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/09/2013

Comments: On January 9, 2013, DTSC certified that all response actions have

been completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 10/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: CEQA - Initial Study/ Neg. Declaration

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC signed the CEQA Negative Declaration and CEQA

Notice of Determination. The CEQA Filing Fee No Effect Determination Form was signed by the Department of Fish and Game on January 25,

2012.

Future Area Name: Not reported Not reported Future Sub Area Name: Not reported Future Document Type: Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date:

SCH:

Facility ID: 60001323 Site Type: School Cleanup

Site Type Detail: School

Site Mgmt. Req.: NONE SPECIFIED

Acres: 2.2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Christine Chiu Supervisor: Yolanda Garza

Division Branch: Southern California Schools & Brownfields Outreach

 Site Code:
 404847

 Assembly:
 72

 Senate:
 34

Special Program Status: Not reported Status: Certified

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Status Date: 01/09/2013

Restricted Use: NO

Funding: School District
Latitude: 33.80669
Longitude: -118.0619
APN: 241-241-35

Past Use: RAILROAD RIGHT OF WAY

Potential COC: Arsenic, Polynuclear aromatic hydrocarbons (PAHs

Confirmed COC: Arsenic, 30019-NO

Potential Description: SOIL

Alias Name: Los Alamitos Elementary School

Alias Type: Alternate Name

Alias Name: Los Alamitos Elementary School Easement

Alias Type: Alternate Name

Alias Name: Oral Deaf and Hard of Hearing Program

Alias Type: Alternate Name
Alias Name: 241-241-35
Alias Type: APN
Alias Name: 404847

Alias Type: Project Code (Site Code)

Alias Name: 30590004

Alias Type: Envirostor ID Number

Alias Name: 60001323

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/03/2013

Comments: On September 3, 2013, DTSC recognized that the District completed the

Hazardous Substances Subgrant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/07/2011

Comments: On March 7, 2011, DTSC provided recommendations to the Los Alamitos

Unified School District based on the current Site condition and use:
1) monitor and maintain the Site to prevent exposure to contaminated soil; and 2) notify DTSC and coordinate necessary mitigation measures

should the current Site condition and/or use change.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: *Correspondence - Received

Completed Date: 05/04/2011

Comments: In a letter, dated May 4, 2011, DTSC responded to the letter from the

Board of Education, Los Alamitos Unified School District. The letter summarized the April 14, 2011 meeting discussion regarding DTSC's Revolving Loan Fund Program and indicated DTSC will contact UPRC to

facilitate in the cleanup effort.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/03/2012

Comments: On January 3, 2012, the Fact Sheet announcing the public comment

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration was mailed. In addition, the Fact Sheet was emailed to parents and faculty of the Los Alamitos Elementary School, McAuliffe Midle School, and Deaf and Hard of Hearing School (Orange County Department of Education).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
O1/09/2012

Comments: The Community Profile, dated January 2012, was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/04/2012

Comments: On January 4, 2012, the public notice ad was published in the News

Enterprise. The public notice announced the public comment period for the Draft Removal Action Workplan and CEQA Draft Negative Declaration

to start January 4, 2012 and end on February 3, 2012.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Workplan Amendment

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC approved the Removal Action Workplan,

including the Amendment to the RAW, for implementation.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 12/27/2012

Comments: On December 27, 2012, DTSC approved the Removal Action Completion

Report with a No Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/27/2012

Comments: On August 27, 2012, DTSC observed site conditions and RAW fieldwork

appears completed (i.e., parking lot striping was completed).

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Form 1479 - Site and Collections Summary

Completed Date: 09/12/2013 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/09/2013

Comments: On January 9, 2013, DTSC certified that all response actions have

been completed.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 10/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: CEQA - Initial Study/ Neg. Declaration

Completed Date: 03/13/2012

Comments: On March 13, 2012, DTSC signed the CEQA Negative Declaration and CEQA

Notice of Determination. The CEQA Filing Fee No Effect Determination Form was signed by the Department of Fish and Game on January 25,

2012.

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Not reported Future Due Date: Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

Facility ID: 30590004 Site Type: School Cleanup

Site Type Detail: School

Site Mgmt. Req.: NONE SPECIFIED

Acres: 1.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Angela Garcia Supervisor: Shahir Haddad

Division Branch: Southern California Schools & Brownfields Outreach

 Site Code:
 404364

 Assembly:
 72

 Senate:
 34

Special Program Status: Not reported

Status: Inactive - Action Required

Status Date: 02/02/2010

Restricted Use: NO

Funding: School District
Latitude: 33.80655
Longitude: -118.0617

APN: NONE SPECIFIED Past Use: * RETIAL - MISC.

Potential COC: Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs,

TPH-diesel

Confirmed COC: NONE SPECIFIED Potential Description: SOIL, SV, SURFW

Alias Name: LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT

Alias Type: Alternate Name

Alias Name: ORANGE COE-EASEMENT-ALAMITOS ES

Alias Type: Alternate Name

Alias Name: ORANGE COUNTY DEPARTMENT OF EDUCATION

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Alias Type: Alternate Name
Alias Name: 110022057361
Alias Type: EPA (FRS #)
Alias Name: 404364

Alias Type: Project Code (Site Code)

Alias Name: 30590004

Alias Type: Envirostor ID Number

Alias Name: 60001323

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/02/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 06/10/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Report

Completed Date: 06/18/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 02/21/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Workplan

Completed Date: 08/29/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 12/19/2007

Comments: Project was termianted by the Orange County Department of Education.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 03/21/2003 Comments: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LOS ALAMITOS ELEMENTARY SCHOOL EASEMENT (Continued)

S110372607

EDR ID Number

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 12/15/2004 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening

Completed Date: 10/15/2010

Comments: The site screening has been approved.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 08/05/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 09/05/2003 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 08/19/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 07/24/2002 Comments: Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Schedule Document Type: Not reported Schedule Due Date: Not reported Not reported Schedule Revised Date:

 I40
 ARROWHEAD PRODUCTS

 NNE
 4411 KATELLA AVENUE

 1/2-1
 LOS ALAMITOS, CA 90720

0.763 mi.

4031 ft. Site 1 of 2 in cluster I

Relative: ENVIROSTOR:

Higher Facility ID: 60002104 Status: Active

 Actual:
 Status Date:
 09/23/2014

 28 ft.
 Site Code:
 401772

 Site Type:
 Tiered Permit

TC5177572.2s Page 161

S117038742

N/A

ENVIROSTOR

Direction Distance

Elevation Site Database(s) EPA ID Number

ARROWHEAD PRODUCTS (Continued)

S117038742

EDR ID Number

Site Type Detailed: Tiered Permit

Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Violeta Mislang
Supervisor: Robert Senga
Division Branch: Cleanup Cypress

Assembly: 72 Senate: 34

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Responsible Party

Latitude: 33.80408 Longitude: -118.0554

APN: NONE SPECIFIED

Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: Arsenic Chromium III Copper and compounds

Confirmed COC: 30001-NO 30152-NO 30156-NO

Potential Description: SOIL

Alias Name: 401772

Alias Type: Project Code (Site Code)

Alias Name: 60002104

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement

Completed Date: 08/08/2017 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/25/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
09/15/2016
Comments: 09/15/2016

Future Area Name: PROJECT WIDE Future Sub Area Name: Not reported

Future Document Type: Preliminary Endangerment Assessment Report

Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

Schedule Document Type: Not reported Schedule Due Date: Not reported N

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

I41 FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS ENVIROSTOR S101481470

4411 KATELLA AVENUE EMI N/A LOS ALAMITOS, CA 90720 HAZNET

1/2-1 0.763 mi.

NNE

4031 ft. Site 2 of 2 in cluster I

Relative: ENVIROSTOR:

Higher Facility ID: 30370008

Status: Refer: Local Agency

Actual: Status Date: 01/11/2011
28 ft. Site Code: Not reported

Site Type: Evaluation
Site Type Detailed: Evaluation

Acres: 0
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress

Assembly: 72 Senate: 34

Special Program: EPA - PASI

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Not reported
Latitude: 33.80358
Longitude: -118.0553

APN: NONE SPECIFIED Past Use: NONE SPECIFIED

Potential COC: * ALKALINE SOLUTION WITHOUT METALS Asbestos Containing Materials

(ACM * UNSPECIFIED ACID SOLUTION * UNSPECIFIED AQUEOUS SOLUTION *

UNSPECIFIED SOLVENT MIXTURES

Confirmed COC: NONE SPECIFIED Potential Description: NONE SPECIFIED

Alias Name: ARROWHEAD PRODUCTS COMPANY

Alias Type: Alternate Name
Alias Name: CAD008302002

Alias Type: EPA Identification Number

Alias Name: CAD982360349

Alias Type: EPA Identification Number

Alias Name: 110000475888 Alias Type: EPA (FRS #) Alias Name: 30370008

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/28/1994

Comments: Database Validation Program confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/14/1992

Comments: SSI Report was reviewed by Region 4 staff. The facility began

operations in 1961 as the Arrowhead Products Div. of Federal-Mogul Corp. In 1983, facility was purchased by Indian Bar Co. In 1987, Map ID MAP FINDINGS

Direction Distance Elevation

evation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

03/22/1990

S101481470

EDR ID Number

facility sold to present owner, Vesper Corp. Arrowhead Products manufactured metal and non-metal ducting for aircraft. The facility generates approx. 165 gals. of used degreas. containing 95% PCE, every 90 days. This is stored in 55 gal drums in storage yard. Facility should be permitted. NFA by SMB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening

Completed Date:

Comments: SITE SCREENING DONE EPA COMPLETED PRELIMINARY ASSESSMENT AND

RECOMMEND SCREENING SITE INSPECTION (HIGH PRIORITY).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening

Completed Date: 04/24/2009 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1981

Comments: FACILITY IDENTIFIED ID PHONE BOOK MFG CHEMS IN 1966. AIRCRAFT EQUIP

MFG. WASTES NOW SEWERED, RECYCLED OR LDFL

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Not reported Schedule Due Date: Schedule Revised Date: Not reported

EMI:

 Year:
 1987

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 42954

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 34
Reactive Organic Gases Tons/Yr: 16
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1990
County Code: 30
Air Basin: SC

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

Facility ID: 58876 Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 22 Reactive Organic Gases Tons/Yr: 7 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: Particulate Matter Tons/Yr: 0 Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1995 County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 18 Reactive Organic Gases Tons/Yr: 7 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 1 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 0 Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1996 County Code: 30 Air Basin: SC 58876 Facility ID: Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Not reported Consolidated Emission Reporting Rule:

Total Organic Hydrocarbon Gases Tons/Yr: 13 Reactive Organic Gases Tons/Yr: 8 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 1 0 SOX - Oxides of Sulphur Tons/Yr: Particulate Matter Tons/Yr: Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1997 County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Map ID MAP FINDINGS

Direction Distance Elevation

tion Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

EDR ID Number

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1998

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 9
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 1999

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2000

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

Map ID MAP FINDINGS

Direction Distance Elevation

vation Site Database(s) EPA ID Number

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

EDR ID Number

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2001

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2002

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2003

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

 Air District Name:
 SC

 SIC Code:
 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

 Year:
 2004

 County Code:
 30

 Air Basin:
 SC

 Facility ID:
 58876

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

Air District Name: SC 3728 SIC Code:

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 5.015527 Reactive Organic Gases Tons/Yr: 4.91 Carbon Monoxide Emissions Tons/Yr: 0.13 NOX - Oxides of Nitrogen Tons/Yr: 0.481 SOX - Oxides of Sulphur Tons/Yr: 0.00307 0.05375101 Particulate Matter Tons/Yr:

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.03

2005 Year: County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 4.74276 Reactive Organic Gases Tons/Yr: 4.623030248 Carbon Monoxide Emissions Tons/Yr: .327

NOX - Oxides of Nitrogen Tons/Yr: .389 SOX - Oxides of Sulphur Tons/Yr: .00234 Particulate Matter Tons/Yr: .05554629 Part. Matter 10 Micrometers and Smllr Tons/Yr:.034533748777

2009 Year: County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC 3728 SIC Code:

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

5.9953857988110197 Total Organic Hydrocarbon Gases Tons/Yr: Reactive Organic Gases Tons/Yr: 5.3820839999999999 Carbon Monoxide Emissions Tons/Yr: 0.3599999999999999 NOX - Oxides of Nitrogen Tons/Yr: 0.4299999999999999SOX - Oxides of Sulphur Tons/Yr: 2.60999999999999E-3 Particulate Matter Tons/Yr: 3.001099999999999E-2 Part. Matter 10 Micrometers and Smllr Tons/Yr:3.001055999999999E-2

2010 County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC 3728 SIC Code:

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 6.1521856599770297

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

Reactive Organic Gases Tons/Yr: 5.64642

0.407820000000000002 Carbon Monoxide Emissions Tons/Yr: NOX - Oxides of Nitrogen Tons/Yr: 0.4854999999999999 SOX - Oxides of Sulphur Tons/Yr: 2.9099999999998E-3 Particulate Matter Tons/Yr: 3.690000000000002E-2 Part. Matter 10 Micrometers and Smllr Tons/Yr:3.689959999999998E-2

2011 Year: County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 6.5007767986 Reactive Organic Gases Tons/Yr: 5.41397 Carbon Monoxide Emissions Tons/Yr: 0.41908 NOX - Oxides of Nitrogen Tons/Yr: 0.49891 SOX - Oxides of Sulphur Tons/Yr: 0.00299 Particulate Matter Tons/Yr: 0.03792 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0379196

2012 Year: County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

SOUTH COAST AQMD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 6.613982224 Reactive Organic Gases Tons/Yr: 5.4762700052 Carbon Monoxide Emissions Tons/Yr: 0.42562 NOX - Oxides of Nitrogen Tons/Yr: 0.5067 SOX - Oxides of Sulphur Tons/Yr: 0.00304 Particulate Matter Tons/Yr: 0.03851 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0385096

2013 Year: County Code: 30 Air Basin: SC 58876 Facility ID: Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 5.5290276772 Reactive Organic Gases Tons/Yr: 4.7126200008 Carbon Monoxide Emissions Tons/Yr: 0.42672 NOX - Oxides of Nitrogen Tons/Yr: 0.25298 SOX - Oxides of Sulphur Tons/Yr: 0.00304 0.03866 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0386576

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FEDERAL MOGUL CORP - ARROWHEAD PRODUCTS (Continued)

S101481470

Year: 2014 County Code: 30 Air Basin: SC Facility ID: 58876 Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 8.1440901619 Reactive Organic Gases Tons/Yr: 6.74688 Carbon Monoxide Emissions Tons/Yr: 0.17954 NOX - Oxides of Nitrogen Tons/Yr: 0.43118 SOX - Oxides of Sulphur Tons/Yr: 0.00294 Particulate Matter Tons/Yr: 0.04052 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.03979368

2015 Year: County Code: 30 SC Air Basin: Facility ID: 58876 Air District Name: SC SIC Code: 3728

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 26.640775316 Reactive Organic Gases Tons/Yr: 24.93715181 Carbon Monoxide Emissions Tons/Yr: 0.183758 NOX - Oxides of Nitrogen Tons/Yr: 0.44582315 SOX - Oxides of Sulphur Tons/Yr: 0.003036 Particulate Matter Tons/Yr: 0.042778012 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.042005279488

HAZNET:

S101481470 envid: Year: 2013 GEPAID: CAC002755439

ARROWHEAD PRODUCTS Contact:

7148222564 Telephone: Mailing Name: Not reported Mailing Address: 4411 KATELLA AVE Mailing City, St, Zip: LOS ALAMITOS, CA 90720

Gen County: Orange CAD009007626 TSD EPA ID: TSD County: Los Angeles Waste Category: Not reported

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.4

Cat Decode: Not reported Method Decode: Not reported Facility County: Not reported Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ALAMITOS	1023233767	JOINT FORCES TRAINING BASE (LOS AL	CONSTITUTION	90720	FINDS
LOS ALAMITOS	S114726471	CITY OF LOS ALAMITOS LVT OP.	WEST END CONSTITUTION AVE OFF		RGA LF
LOS ALAMITOS	S114729902	LOS ALAMITOS JFTB LANDFILLS	LOS ALAMITOS BLVD. & KATELLA A		RGA LF
LOS ALAMITOS	1016264352	CITY OF LOS ALAMITOS	LOS ALAMITOS BLVD BRIDGE OVER	90720	FINDS, ECHO
LOS ALAMITOS	1010006408	LOS ALAMITOS ARMED FORCES RESERVE	LOS ALAMITOS AFDC, BLDG 57	90720	FTTS

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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Date Made Active in Reports: 01/05/2018 Last EDR Contact: 12/22/2017

Number of Days to Update: 14 Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 04/16/2018
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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 14

Source: EPA Telephone: N/A

Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 04/16/2018 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: 01/05/2018

Next Scheduled EDR Contact: 04/16/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/17/2018

Next Scheduled EDR Contact: 04/30/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/17/2018

Next Scheduled EDR Contact: 04/30/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018
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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 05/22/2017 Date Data Arrived at EDR: 06/13/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 94

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/08/2017

Next Scheduled EDR Contact: 02/26/2018 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: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018 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: 08/10/2017 Date Data Arrived at EDR: 08/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018

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: 09/18/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/13/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001 Date Data Arrived at EDR: 04/23/2001 Date Made Active in Reports: 05/21/2001

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control

Board's LUST database.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa

Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001 Date Data Arrived at EDR: 02/28/2001 Date Made Active in Reports: 03/29/2001

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

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: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: Environmental Protection Agency Telephone: 415-972-3372

Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 10/14/2016 Date Data Arrived at EDR: 01/27/2017 Date Made Active in Reports: 05/05/2017

Number of Days to Update: 98

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Semi-Annually

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: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/25/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 31

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 31

Source: State Water Resources Control Board Telephone: 866-480-1028

Last EDR Contact: 12/12/2018 Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

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: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 36

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016 Date Data Arrived at EDR: 07/12/2016 Date Made Active in Reports: 09/19/2016

Number of Days to Update: 69

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

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

Date of Government Version: 04/14/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 05/01/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 05/02/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 134

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 04/13/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

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: 04/25/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 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: 10/14/2016 Date Data Arrived at EDR: 01/27/2017 Date Made Active in Reports: 05/05/2017

Number of Days to Update: 98

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Semi-Annually

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: 04/26/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Quarterly

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: 12/20/2017

Next Scheduled EDR Contact: 04/09/2018 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

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA

Date of Government Version: 12/22/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 36

Source: State Water Resources Control Board

Telephone: 916-323-7905 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

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: 08/21/2017 Date Data Arrived at EDR: 09/20/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 79

Source: Environmental Protection Agency Telephone: 202-566-2777

Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 36

Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

Date of Government Version: 05/30/2017 Date Data Arrived at EDR: 05/31/2017 Date Made Active in Reports: 08/15/2017

Number of Days to Update: 76

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/26/2018 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: 01/30/2018

Next Scheduled EDR Contact: 05/14/2018 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: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018

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: 11/03/2017

Next Scheduled EDR Contact: 02/12/2018

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: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/30/2017 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017 Date Data Arrived at EDR: 08/18/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 34

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 01/08/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995 Date Data Arrived at EDR: 08/30/1995 Date Made Active in Reports: 09/26/1995

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

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: 07/13/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 30

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994 Date Data Arrived at EDR: 07/07/2005 Date Made Active in Reports: 08/11/2005

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/27/2017 Date Data Arrived at EDR: 11/29/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 19

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 11/28/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county

source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994 Date Data Arrived at EDR: 09/05/1995 Date Made Active in Reports: 09/29/1995

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/30/2017 Date Data Arrived at EDR: 12/01/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 41

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Varies

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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 37

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 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: 09/21/2017 Date Data Arrived at EDR: 09/21/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/09/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 09/21/2017

Number of Days to Update: 57

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 01/26/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 30

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 31

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/26/2018 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: 06/06/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

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: 09/13/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018 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: 11/22/2017

Next Scheduled EDR Contact: 03/05/2018 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: 10/13/2017

Next Scheduled EDR Contact: 01/22/2018 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: 10/11/2017

Next Scheduled EDR Contact: 01/22/2018

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: 11/17/2017

Next Scheduled EDR Contact: 02/26/2018 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: 10/17/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018
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: 01/31/2018

Next Scheduled EDR Contact: 05/21/2018
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: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/19/2018 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: 12/22/2017

Next Scheduled EDR Contact: 04/02/2018 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: 01/10/2018

Next Scheduled EDR Contact: 03/05/2018 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: 01/25/2018 Next Scheduled EDR Contact: 05/07/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 21

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 03/19/2018 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: 11/02/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 05/07/2018 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: 12/22/2017

Next Scheduled EDR Contact: 02/19/2018 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: 01/12/2018

Next Scheduled EDR Contact: 04/23/2018 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: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Quarterly

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: 01/19/2018

Next Scheduled EDR Contact: 11/20/2017 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: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 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: 12/08/2017

Next Scheduled EDR Contact: 03/19/2018 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: 01/26/2018

Next Scheduled EDR Contact: 05/07/2018

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: 10/02/2017 Date Data Arrived at EDR: 10/05/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/16/2018 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: 01/19/2018

Next Scheduled EDR Contact: 05/14/2018 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: 09/30/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/02/2018

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: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 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: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 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: 12/23/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 02/19/2018 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: 11/22/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 04/16/2018 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: 10/29/2017 Date Data Arrived at EDR: 11/28/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 11/28/2017

Next Scheduled EDR Contact: 03/12/2018 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: 12/01/2017

Next Scheduled EDR Contact: 03/12/2018 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: 12/01/2017

Next Scheduled EDR Contact: 03/12/2018 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: 09/25/2017 Date Data Arrived at EDR: 09/26/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 24

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 12/19/2017

Next Scheduled EDR Contact: 03/26/2018 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: 07/23/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 09/15/2017

Number of Days to Update: 9

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 73

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 01/02/2018

Next Scheduled EDR Contact: 04/30/2018 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: 09/02/2017 Date Data Arrived at EDR: 09/06/2017 Date Made Active in Reports: 10/20/2017

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/19/2018 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: 06/27/2017 Date Data Arrived at EDR: 11/21/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/12/2018 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: 11/20/2017 Date Data Arrived at EDR: 11/20/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 53

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of

Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste

Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/22/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 08/08/2017

Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 03/21/2017 Date Made Active in Reports: 08/15/2017

Number of Days to Update: 147

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 12/22/2017

Next Scheduled EDR Contact: 04/02/2018

Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 34

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 10/24/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 52

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. 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: 11/14/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 31

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 11/09/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/12/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 97

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 01/08/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/20/2017 Date Data Arrived at EDR: 11/20/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 37

Source: Department of Toxic Subsances Control

Telephone: 877-786-9427 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/20/2017 Date Data Arrived at EDR: 11/20/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 37

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/10/2017 Date Data Arrived at EDR: 10/10/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 7

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 01/09/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 31

Source: Department of Conservation Telephone: 916-322-1080

Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/29/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 42

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/13/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 42

Source: Department of Pesticide Regulation

Telephone: 916-445-4038 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 35

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/14/2017 Date Data Arrived at EDR: 12/15/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 32

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 36

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015 Date Data Arrived at EDR: 04/17/2015 Date Made Active in Reports: 06/23/2015

Number of Days to Update: 67

Source: RWQCB, Central Valley Region

Telephone: 559-445-5577 Last EDR Contact: 01/12/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 12/19/2017

Next Scheduled EDR Contact: 04/09/2018

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 Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: 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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: 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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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 Department of Resources Recycling and Recovery in California.

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: Department of Resources Recycling and Recovery 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 State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

Source: State Water Resources Control Board

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 09/22/2017 Date Data Arrived at EDR: 09/22/2017 Date Made Active in Reports: 10/10/2017

Number of Days to Update: 18

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 27

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 04/24/2047 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List Cupa Facility List

> Date of Government Version: 12/08/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 15

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018

Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017 Date Data Arrived at EDR: 04/25/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 106

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018

Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/31/2017 Date Data Arrived at EDR: 09/05/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 64

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 12/20/2017

Next Scheduled EDR Contact: 10/09/2017 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/07/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/20/2017 Date Data Arrived at EDR: 11/29/2017 Date Made Active in Reports: 01/19/2018

Number of Days to Update: 51

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

> Date of Government Version: 10/31/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 11/14/2017

Number of Days to Update: 13

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/06/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 21

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/03/2017 Date Data Arrived at EDR: 10/06/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 40

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 10/25/2017 Date Data Arrived at EDR: 10/27/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 19

Source: Glenn County Air Pollution Control District

Telephone: 830-934-6500 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 08/03/2017 Date Data Arrived at EDR: 08/08/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 69

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 10/24/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 22

Source: San Diego Border Field Office Telephone: 760-339-2777 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 08/04/2017

Number of Days to Update: 56

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/20/2017

Number of Days to Update: 43

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 28

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 11/09/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 5

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 07/24/2017 Date Data Arrived at EDR: 07/26/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 82

Source: Lassen County Environmental Health

Telephone: 530-251-8528 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 5

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/16/2017 Date Data Arrived at EDR: 10/17/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 51

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Varies

Data Nolodoo i Toque

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 04/21/2017 Date Made Active in Reports: 10/09/2017

Number of Days to Update: 171

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 01/10/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 31

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 01/17/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 04/19/2017 Date Made Active in Reports: 05/10/2017

Number of Days to Update: 21

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 01/10/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017 Date Data Arrived at EDR: 03/10/2017 Date Made Active in Reports: 05/03/2017

Number of Days to Update: 54

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018 Date Data Arrived at EDR: 01/05/2018 Date Made Active in Reports: 01/18/2018

Number of Days to Update: 13

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/23/2018 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 10/26/2017 Date Data Arrived at EDR: 10/27/2017 Date Made Active in Reports: 11/06/2017

Number of Days to Update: 10

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/02/2018 Date Data Arrived at EDR: 01/05/2018 Date Made Active in Reports: 01/17/2018

Number of Days to Update: 12

Source: Public Works Department Waste Management

Telephone: 415-473-6647 Last EDR Contact: 01/02/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List CUPA Facility List

> Date of Government Version: 11/21/2017 Date Data Arrived at EDR: 11/27/2017 Date Made Active in Reports: 12/27/2017

Number of Days to Update: 30

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 01/11/2018 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 20

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017 Date Data Arrived at EDR: 01/11/2017 Date Made Active in Reports: 03/02/2017

Number of Days to Update: 50

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 11/22/2017 Date Data Arrived at EDR: 11/27/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 22

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 8

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/09/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 28

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/09/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 36

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 42

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/07/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/08/2017 Date Data Arrived at EDR: 12/12/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 50

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 11/15/2017

Number of Days to Update: 12

Source: Plumas County Environmental Health

Telephone: 530-283-6355 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/09/2017

Number of Days to Update: 28

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/15/2017

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 10/12/2017 Date Made Active in Reports: 11/08/2017

Number of Days to Update: 27

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/15/2017

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 10/06/2017

Number of Days to Update: 3

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/03/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2017 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 44

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/03/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 11/17/2017

Number of Days to Update: 14

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2017 Date Data Arrived at EDR: 12/01/2017 Date Made Active in Reports: 01/16/2018

Number of Days to Update: 46

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 12/04/2017 Date Data Arrived at EDR: 12/05/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 37

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015 Date Data Arrived at EDR: 11/07/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 58

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 06/15/2010 Date Made Active in Reports: 07/09/2010

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 11/29/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/07/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 42

Source: Department of Public Health Telephone: 415-252-3920 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/20/2017 Date Data Arrived at EDR: 12/21/2017 Date Made Active in Reports: 02/01/2018

Number of Days to Update: 42

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 04/02/2018 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/12/2017 Date Data Arrived at EDR: 12/14/2017 Date Made Active in Reports: 01/11/2018

Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/06/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2017 Date Data Arrived at EDR: 12/14/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 11/14/2017 Date Data Arrived at EDR: 11/16/2017 Date Made Active in Reports: 01/04/2018

Number of Days to Update: 49

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/03/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 34

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 05/23/2017

Number of Days to Update: 90

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017 Date Data Arrived at EDR: 06/19/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 51

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017 Date Data Arrived at EDR: 12/15/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 28

Telephone: 707-784-6770

Last EDR Contact: 12/08/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017 Date Data Arrived at EDR: 12/15/2017 Date Made Active in Reports: 01/18/2018

Number of Days to Update: 34

Source: Solano County Department of Environmental Management

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/08/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List Cupa Facility list

Date of Government Version: 12/20/2017 Date Data Arrived at EDR: 12/21/2017 Date Made Active in Reports: 01/31/2018

Number of Days to Update: 41

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 12/19/2017

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/03/2017 Date Data Arrived at EDR: 10/06/2017 Date Made Active in Reports: 11/10/2017

Number of Days to Update: 35

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 01/04/2018

Next Scheduled EDR Contact: 04/09/2018 Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 11/01/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 6

Source: Stanislaus County Department of Ennvironmental Protection

Telephone: 209-525-6751 Last EDR Contact: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018

Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/01/2017 Date Data Arrived at EDR: 12/04/2017 Date Made Active in Reports: 12/19/2017

Number of Days to Update: 15

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 12/01/2017

Next Scheduled EDR Contact: 03/19/2018 Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List
Cupa facilities

Date of Government Version: 11/16/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 31

Source: Tehama County Department of Environmental Health

Telephone: 530-527-8020 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018 Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 10/23/2017 Date Data Arrived at EDR: 10/24/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 23

Source: Department of Toxic Substances Control

Telephone: 760-352-0381 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017 Date Data Arrived at EDR: 09/28/2017 Date Made Active in Reports: 10/16/2017

Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division

Telephone: 559-624-7400 Last EDR Contact: 02/01/2018

Next Scheduled EDR Contact: 05/21/2018

Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 10/24/2017 Date Data Arrived at EDR: 10/25/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 22

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2017 Date Data Arrived at EDR: 10/25/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 43

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/26/2017

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/08/2017

Next Scheduled EDR Contact: 02/26/2018 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2017 Date Data Arrived at EDR: 10/25/2017 Date Made Active in Reports: 12/07/2017

Number of Days to Update: 43

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 01/22/2018

Next Scheduled EDR Contact: 05/07/2018 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/27/2017 Date Data Arrived at EDR: 12/13/2017 Date Made Active in Reports: 01/19/2018

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/11/2017

Next Scheduled EDR Contact: 03/26/2018 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 01/02/2018 Date Data Arrived at EDR: 01/09/2018 Date Made Active in Reports: 01/19/2018

Number of Days to Update: 10

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 01/02/2018

Next Scheduled EDR Contact: 04/16/2018 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017 Date Data Arrived at EDR: 11/10/2017 Date Made Active in Reports: 11/16/2017

Number of Days to Update: 6

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018

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: 11/11/2017 Date Data Arrived at EDR: 11/14/2017 Date Made Active in Reports: 12/18/2017

Number of Days to Update: 34

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/11/2017 Date Made Active in Reports: 07/27/2017

Number of Days to Update: 107

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 01/05/2018

Next Scheduled EDR Contact: 04/23/2018 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

acility.

Date of Government Version: 10/01/2017 Date Data Arrived at EDR: 11/01/2017 Date Made Active in Reports: 11/13/2017

Number of Days to Update: 12

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018 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: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 06/19/2015 Date Made Active in Reports: 07/15/2015

Number of Days to Update: 26

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/16/2017

Next Scheduled EDR Contact: 03/05/2018 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/13/2017 Date Made Active in Reports: 07/14/2017

Number of Days to Update: 92

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/11/2017

Next Scheduled EDR Contact: 03/26/2018 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: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

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: Wetland Inventory Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LOS ALAMITOS LOS ALAMITOS LOS ALAMITOS, CA 90720

TARGET PROPERTY COORDINATES

Latitude (North): 33.788524 - 33° 47' 18.69" Longitude (West): 118.065743 - 118° 3' 56.67"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 401333.3 UTM Y (Meters): 3739025.0

Elevation: 22 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5633745 LOS ALAMITOS, CA

Version Date: 2012

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 principal 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).

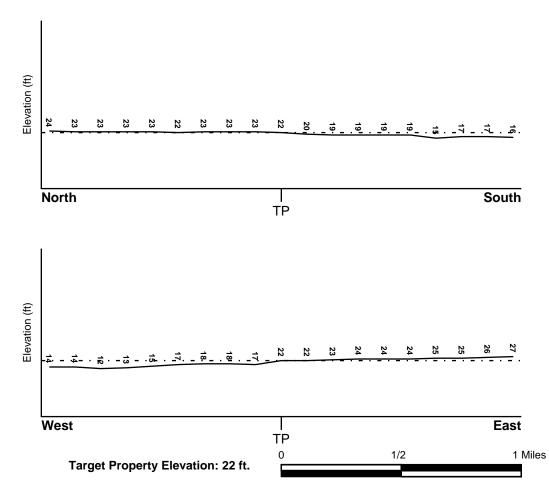
TOPOGRAPHIC INFORMATION

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 WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

06037C1990F FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

06037C2000F FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

LOS ALAMITOS 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 NNE

Site Name: FEDERAL MOGUL CORP-ARROWHEAD PRODUCTS

Site EPA ID Number: CAD008302002

Groundwater Flow Direction: S TO SW ON A REGIONAL BASIS. Inferred Depth to Water: 15 to 20 feet in the perched aquifer.

Hydraulic Connection: The shallow perched aguifer is underlain by the Artesia water table

aquifer at a depth of 40 to 100 feet. Lower aquifers are separated by

confining layers.

Sole Source Aquifer: No information about a sole source aquifer is available
Data Quality: Information is inferred 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.

LOCATION GENERAL DIRECTION
MAP ID FROM TP GROUNDWATER FLOW

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
3	1/4 - 1/2 Mile SW	Not Reported
11	1/2 - 1 Mile SSE	Varies
12	1/2 - 1 Mile SSW	E
C15	1/2 - 1 Mile NNW	Not Reported
C19	1/2 - 1 Mile NNW	E
C20	1/2 - 1 Mile NNW	E
1G	1/2 - 1 Mile NNW	E
2G	1/2 - 1 Mile NNW	E
3G	1/2 - 1 Mile NNW	Not Reported
4G	1/4 - 1/2 Mile SW	Not Reported
5G	1/2 - 1 Mile SSW	E
6G	1/2 - 1 Mile SSE	Varies

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

GEOLOGIC AGE IDENTIFICATION

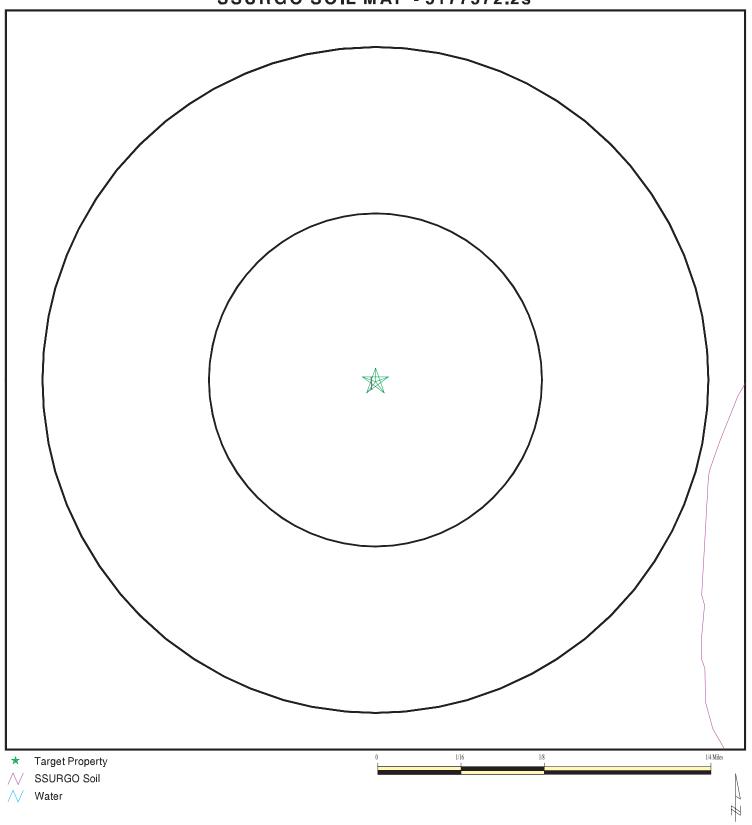
Era: Cenozoic Category: Stratifed Sequence

System: Quaternary Series: Quaternary

Code: Q (decoded above as Era, System & Series)

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).

SSURGO SOIL MAP - 5177572.2s



SITE NAME: Los Alamitos ADDRESS: Los Alamitos

Los Alamitos CA 90720 LAT/LONG: 33.788524 / 118.065743

CLIENT: AECOM
CONTACT: Jacquelyn Harrington
INQUIRY#: 5177572.2s
DATE: February 05, 2018 1:20 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: BOLSA

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
Boundary				Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Con itcaction	
1	0 inches	11 inches	silt loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9	
2	11 inches	68 inches	silty clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9	

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

22 USGS40000138162 1/4 - 1/2 Mile WSW 22 USGS40000138235 1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

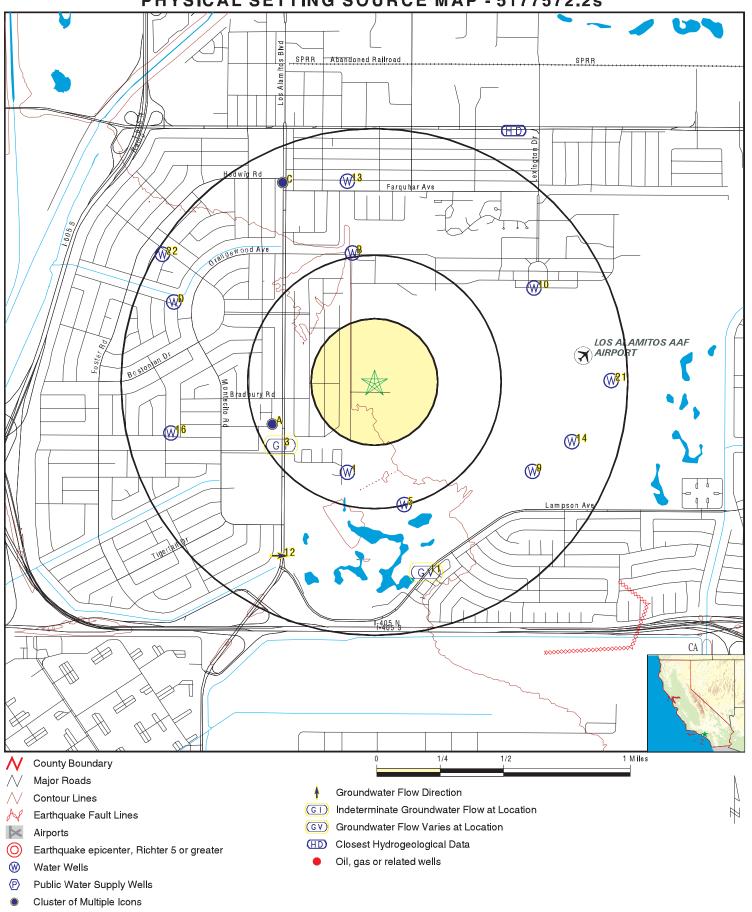
No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1 A4	5273 CADW60000021620	1/4 - 1/2 Mile SSW 1/4 - 1/2 Mile WSW
5 B6	CADW60000021622 CADW6000003015	1/4 - 1/2 Mile SSE
В7	CADW60000003015	1/2 - 1 Mile North
B8	CADW6000003496	1/2 1 Mile North
9 10	CADW60000015293 CADW60000021616	1/2 1 Mile ESE
13	5245	1/2 - 1 Mile North
14 16	CADW60000021621 CADW60000021619	1/2 - 1 Mile LSL 1/2 - 1 Mile WSW
D17	CADW6000001065	1/2 - 1 Mile WNW
D18 21	CADW60000021618 CADW60000021617	1/2 - 1 Mile WNW 1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 5177572.2s



SITE NAME: Los Alamitos ADDRESS: Los Alamitos

Los Alamitos CA 90720 LAT/LONG: 33.788524 / 118.065743

CLIENT: AECOM CONTACT: Jacquelyn Harrington

INQUIRY #: 5177572.2s

February 05, 2018 1:20 pm DATE:

Map ID Direction Distance

Elevation Database EDR ID Number

SSW CA WELLS 5273

1/4 - 1/2 Mile Lower

Water System Information:

 Prime Station Code:
 04S/11W-31F05 S
 User ID:
 TEE

 FRDS Number:
 3010022009
 County:
 Orange

District Number: 08 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY

Water Type: Well/Groundwater Well Status: Inactive Untreated

Source Lat/Long: 334700.0 1180400.0 Precision: Undefined

Source Name: MONTECITO - INACTIVE

System Number: 3010022

System Name: Southern Calif WC - West Orange

Organization That Operates System:

1920 W. CORPORATE WAY

ANAHEIM, CA 92801

Pop Served: 84737 Connections: 25347

Area Served: LOS ALAMITOS

A2 WSW FED USGS USGS40000138162 1/4 - 1/2 Mile

Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-334710118041701 Monloc name: 004S011W31F003S

Monloc type: Well

Monloc desc: Not Reported

Huc code: 18070106 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 33.7861275 24000 Longitude: -118.0722859 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 16.00 Vert measure units: feet Vertacc measure val: 2.5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Not Reported Aquifer type: Not Reported

Construction date: 19470301 Welldepth: 379 Welldepth units: ft Wellholedepth: 400

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 76

Feet below Feet to Feet below Feet to Date Surface Sealevel Date Surface Sealevel 1986-08-18 23.55 1986-05-01 19.12 1986-03-03 18.72 1985-11-01 24.50 1985-05-13 17.61 1985-08-17 24.80

	Feet below F	eet to			Feet below	Feet to	
Date	Surface S	ealevel		Date	Surface	Sealevel	
1985-02-28	15.46			1984-11-01	23.78		
1984-08-23	24.36			1984-05-21	17.63		
1984-02-08	11.70			1983-11-02	8.69		
1983-08-11	22.51			1983-05-16	15.01		
1983-02-10	15.61			1982-11-04	22.27		
1982-08-04	23.17			1982-04-28	16.00		
1982-01-29	15.55			1981-11-06	20.98		
1981-08-06	23.31			1981-05-12	17.14		
1981-02-05	16.13			1980-10-31	21.02		
1980-08-26	23.61			1980-06-18	19.44		
1980-02-06	17.66			1979-11-07	23.62		
1979-08-01	24.11			1979-05-03	18.88		
1979-02-07	18.74			1978-11-06	25.46		
1978-10-17	26.33			1977-10-25	33.00		
1977-01-11	38.40			1976-07-14	35.50		
1976-05-06	23.90			1976-02-26	23.60		
1976-01-02	26.90			1975-11-05	27.40		
1975-08-26	29.60			1975-03-13	20.20		
1975-01-07	21.40			1974-05-03	22.20		
1974-01-30	19.30			1973-11-07	25.40		
1973-09-12	27.00			1973-07-09	27.40		
1973-05-11	23.70			1973-03-13	21.80		
1973-01-10	21.50			1972-11-03	27.80		
1972-09-07	26.20			1972-07-13	24.10		
1972-05-03	23.90			1972-03-02	14.40		
1972-01-12	17.50			1971-11-03	20.50		
1971-09-01	24.50			1971-05-05	13.90		
1971-04-21	13.60			1971-03-05	15.70		
1970-11-04	20.40			1970-10-07	22.50		
1970-09-01	27.80			1970-08-11	19.30		
1970-07-02	18.70			1970-06-03	17.30		
1970-05-06	16.10			1970-04-02	15.80		
1970-03-11	16.20			1970-02-06	16.00		
1970-01-05	15.80			1969-11-12	19.00		
1969-10-07	18.40			1969-09-04	18.50		
	Site ID:		083001309T				
N	Groundwater Fl	ow:	Not Reported			AQUIFLOW	5203
4 - 1/2 Mile	Shallow Water I		Not Reported				
ower	Deep Water De	•	Not Reported				
	Average Water		16				
	Date:		03/11/1993				

A4
WSW
1/4 - 1/2 Mile
CA WELLS
CADW60000021620

 Objectid:
 21620

 Latitude:
 33.7861

 Longitude:
 -118.0732

Site code: 337861N1180732W001 State well numbe: 04S11W31F003S

Local well name:

Lower

Well use id: 6

Well use descrip:

County id:

County name:

Unknown
30

County name:

Orange

Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000021620

5 SSE CA WELLS CADW6000021622

1/4 - 1/2 Mile Lower

 Objectid:
 21622

 Latitude:
 33.7815

 Longitude:
 -118.0637

Site code: 337815N1180637W001 State well numbe: 04S11W32G003S

Local well name: "
Well use id: 6

Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW6000021622

B6 North CA WELLS CADW6000003015

North 1/2 - 1 Mile Higher

 Objectid:
 3015

 Latitude:
 33.795906

 Longitude:
 -118.067249

Site code: 337959N1180672W003

State well numbe: Not Reported Local well name: 'LAM-1/MP6' Well use id: 1

Well use descrip:

County id:

County name:

Basin code:

Observation

30

Orange

8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW6000003015

North 1/2 - 1 Mile Higher

TC5177572.2s Page A-12

Objectid: 3495 Latitude: 33.795906 Longitude: -118.067249

337959N1180672W001 Site code: 04S11W30H001S State well numbe: 'LAM-1/MP1' Local well name:

Well use id:

Well use descrip: Observation

County id: 30 County name: Orange Basin code: '8-1

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office CADW60000003495 Site id:

B8 CA WELLS CADW60000003496

North 1/2 - 1 Mile Higher

Objectid: 3496 Latitude: 33.795906 Longitude: -118.067249

Site code: 337959N1180672W002

State well numbe: Not Reported Local well name: 'LAM-1/MP12'

Well use id:

Well use descrip: Observation

County id: 30 County name: Orange '8-1' Basin code:

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Southern Region Office Dwr region: CADW60000003496 Site id:

CADW60000015293

ESE 1/2 - 1 Mile Higher

> Objectid: 15293 Latitude: 33.7834 -118.0549 Longitude:

Site code: 337834N1180549W001 State well numbe: 04S11W32F000S

Local well name: 6 Well use id: Well use descrip: Unknown County id: 30 County name: Orange

CA WELLS

Basin code: '8-1

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Southern Region Office Dwr region: CADW60000015293 Site id:

CA WELLS CADW60000021616 ENE

1/2 - 1 Mile Higher

> Objectid: 21616 Latitude: 33.7939 Longitude: -118.0548

337939N1180548W001 Site code: State well numbe: 04S11W29L003S

Local well name: Well use id: 6

Well use descrip: Unknown County id: 30 Orange County name: Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office CADW60000021616 Site id:

11 SSE Site ID: 083001080T

Groundwater Flow: Varies 1/2 - 1 Mile Shallow Water Depth: 4 Lower

Deep Water Depth: 11

Average Water Depth: Not Reported Date: 04/16/1995

12 SSW Site ID: 083000102T **AQUIFLOW** 37903

Groundwater Flow: Ε 1/2 - 1 Mile Shallow Water Depth: 8.09 Lower 24.46 Deep Water Depth:

Not Reported Average Water Depth: 11/01/1996 Date:

CA WELLS 5245

North 1/2 - 1 Mile Higher

Water System Information:

User ID: Prime Station Code: 04S/11W-19Q03 S TEE FRDS Number: 3010022002 County: Orange

District Number: Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY

Water Type: Well/Groundwater Well Status: Inactive Untreated Source Lat/Long: 334800.0 1180400.0 Undefined Precision:

CHERRY WELL 02 - INACTIVE Source Name:

AQUIFLOW

3010022 System Number:

System Name: Southern Calif WC - West Orange

Organization That Operates System:

1920 W. CORPORATE WAY

ANAHEIM, CA 92801

Pop Served: 84737 Connections: 25347

Area Served: LOS ALAMITOS

14 ESE 1/2 - 1 Mile **CA WELLS** CADW60000021621

Higher

Objectid: 21621 Latitude: 33.7851 -118.0522 Longitude:

337851N1180522W001 Site code: 04S11W32G002S State well numbe:

Local well name: Well use id: 6 Well use descrip: Unknown County id: 30 County name: Orange Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Southern Region Office Dwr region: CADW60000021621 Site id:

C15 Site ID: 083000733T

NNW Groundwater Flow: Not Reported 1/2 - 1 Mile

Shallow Water Depth: 9.34 Deep Water Depth: 17.72

> Average Water Depth: Not Reported Date: 03/22/1999

wsw **CA WELLS** CADW60000021619

1/2 - 1 Mile Lower

Higher

21619 Objectid: Latitude: 33.7856 Longitude: -118.0797

337856N1180797W001 Site code: State well numbe: 04S11W31D002S

Local well name: Well use id: 6 Well use descrip: Unknown County id: 30 County name: Orange Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Southern Region Office Dwr region: Site id: CADW60000021619

AQUIFLOW

Map ID Direction Distance

Elevation Database EDR ID Number

D17
WNW CA WELLS CADW6000001065

1/2 - 1 Mile Lower

 Objectid:
 1065

 Latitude:
 33.793

 Longitude:
 -118.0795

Site code: 337930N1180795W001 State well numbe: 04S11W30M004S

Local well name:

Well use id: 6

Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW6000001065

D18 WNW CA WELLS CADW60000021618

1/2 - 1 Mile Lower

 Objectid:
 21618

 Latitude:
 33.7932

 Longitude:
 -118.0795

 Site code:
 337932N1180795W001

 State well numbe:
 04S11W30M006S

Local well name:

Well use id: 6

Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'

Basin desc: Coastal Plain Of Orange County

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000021618

 C19
 Site ID:
 083000623T

 NNW
 Groundwater Flow:
 E
 AQUIFLOW

10

NNW
1/2 - 1 Mile
Higher

Groundwater Flow:
Shallow Water Depth:

Deep Water Depth: 15
Average Water Depth: Not Repo

Average Water Depth: Not Reported Date: 05/20/1997

C20 Site ID: 083000623T

NNW 1/2 - 1 Mile Higher Groundwater Flow: E Shallow Water Depth: 10 Deep Water Depth: 15

Average Water Depth: Not Reported Date: 05/20/1997

TC5177572.2s Page A-16

AQUIFLOW

38978

Map ID Direction Distance

Elevation Database EDR ID Number

21 **CA WELLS** CADW60000021617

1/2 - 1 Mile Higher

> Objectid: 21617 Latitude: 33.7886 Longitude: -118.0495

337886N1180495W001 Site code: State well numbe: 04S11W29R001S

Local well name:

Well use id: 6

Well use descrip: Unknown County id: 30 County name: Orange '8-1' Basin code:

Coastal Plain Of Orange County Basin desc:

Dwr region id: 80238

Dwr region: Southern Region Office Site id: CADW60000021617

WNW **FED USGS** USGS40000138235 1/2 - 1 Mile

Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-334745118044901 004S011W30E001S Monloc name:

Monloc type: Well

Monloc desc: Not Reported

Huc code: Not Reported Drainagearea value: Not Reported Not Reported Not Reported Drainagearea Units: Contrib drainagearea: 33.7958333 Contrib drainagearea units: Not Reported Latitude: Longitude: -118.0802778 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected NAD83 Horiz coord refsys: Vert measure val:

16 Vert measure units: feet Vertacc measure val: 2.5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

California Coastal Basin aquifers Aquifername:

Not Reported Formation type: Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported Wellholedepth: Not Reported Welldepth units: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

083000623T Site ID:

1G NNW 1/2 - 1 Mile Lower

Groundwater Flow: Ε

Shallow Water Depth: 10 Deep Water Depth: 15

Not Reported Average Water Depth: Date: 05/20/1997

TC5177572.2s Page A-17

AQUIFLOW

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
Lievation			Database	EDK ID Nullibel
2G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000623T E 10 15 Not Reported 05/20/1997	AQUIFLOW	38979
3G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000733T Not Reported 9.34 17.72 Not Reported 03/22/1999	AQUIFLOW	66487
4G SW 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001309T Not Reported Not Reported Not Reported 16 03/11/1993	AQUIFLOW	52035
5G SSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000102T E 8.09 24.46 Not Reported 11/01/1996	AQUIFLOW	37903
6G SSE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001080T Varies 4 11 Not Reported 04/16/1995	AQUIFLOW	52036

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90720	34	0

Federal EPA Radon Zone for ORANGE County: 3

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 ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.763 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% 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: Wetland Inventory Source: Department of Fish & Game

Telephone: 916-445-0411

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

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Los Alamitos Los Alamitos, CA 90720

Inquiry Number: 5177572.3

February 05, 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

02/05/18

Site Name: Client Name:

Los Alamitos AECOM

Los Alamitos 12120 Shamrock Plaza Los Alamitos, CA 90720 Omaha, NE 68154

EDR Inquiry # 5177572.3 Contact: Jacquelyn Harrington



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 # 5A80-4C76-AC65 **PO #** 0005-CA-PA-CA

Proiect 60552172

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 #: 5A80-4C76-AC65

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.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

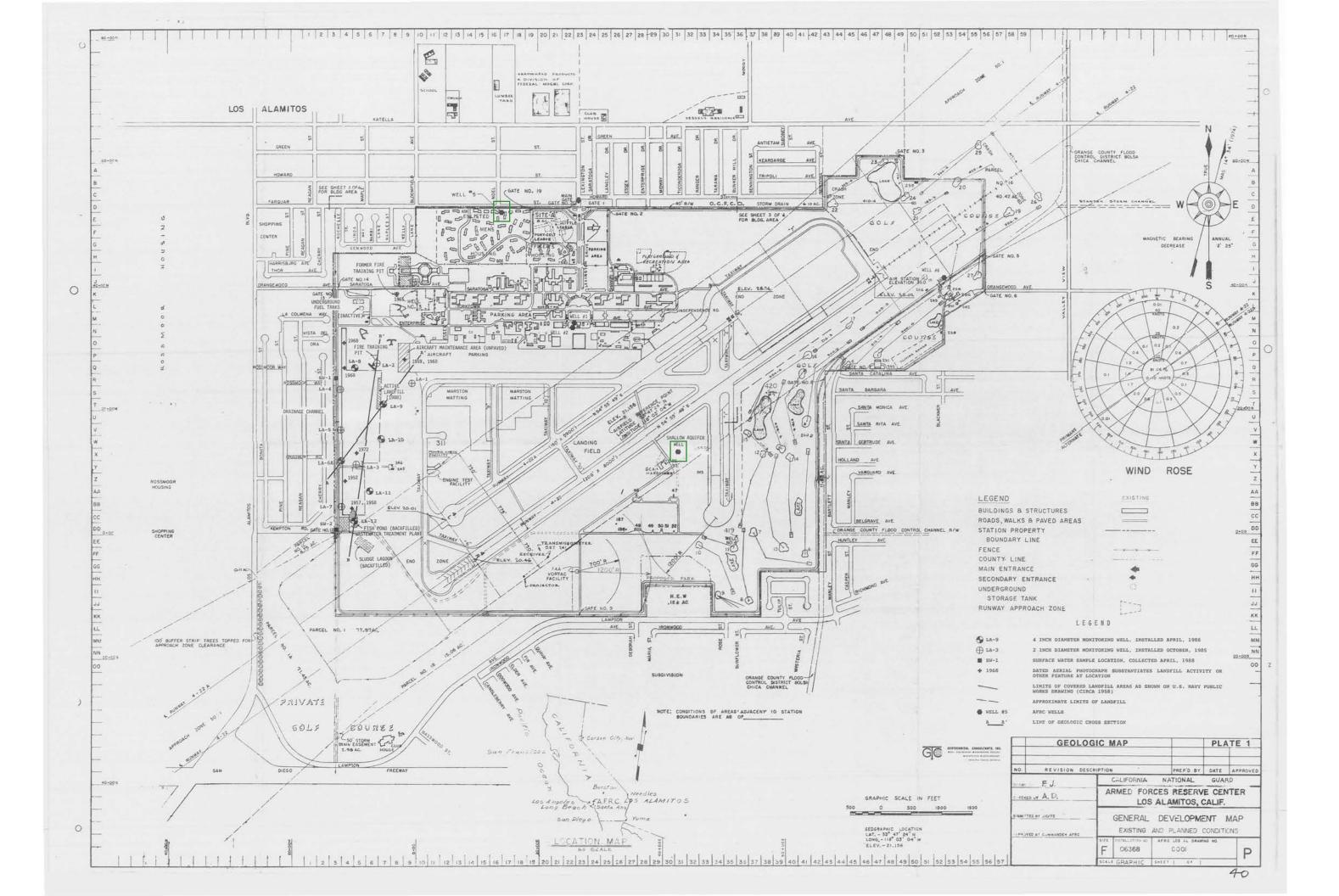
Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Appendix A.5 JFTB LA Installation Maps

Final PFAS Preliminary Assessment Report Joint Forces Training Base Los Alamitos, CA

Armed Forces Reserve Center Los Alamitos, Calif. General Development Map

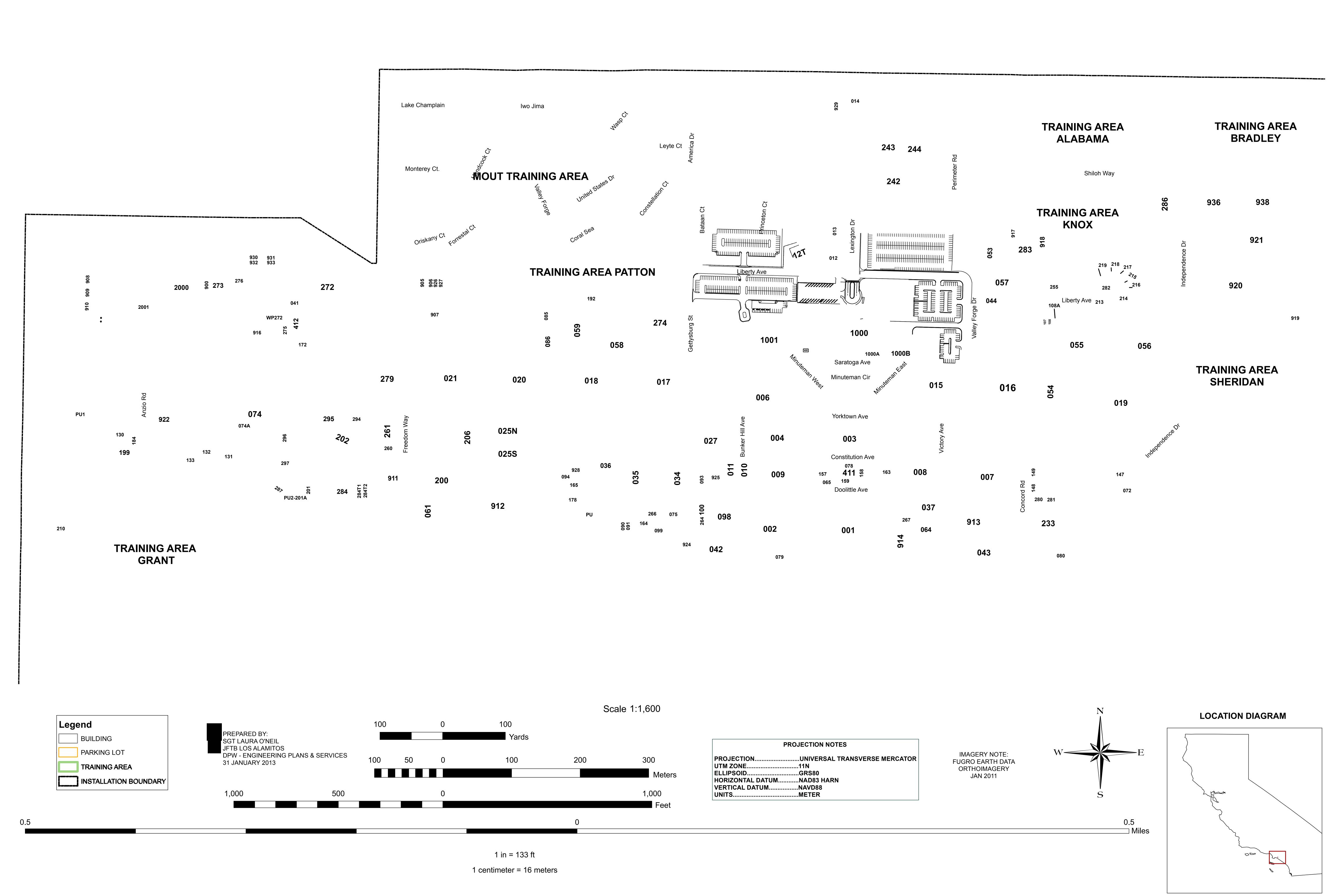


Final PFAS Preliminary Assessment Report Joint Forces Training Base Los Alamitos, CA

> Joint Forces Training Base Los Alamitos Cantonment Area Map



JOINT FORCES TRAINING BASE LOS ALAMITOS



Appendix A.6 JFTB LA and UCMR3 Tabulated PFAS Chemistry Results

Third Unregulated Contaminant Monitoring Rule (UCMR3) Tabulated PFAS Chemistry Results for Water Purveyors within 10-miles of Joint Forces Training Base Los Alamitos

PWSName	FacilityName	FacilityWaterType	CollectionDate	Contaminan	MRL		alyticalResultVa	Region	State
Golden State Water Co Norwalk	Pioneer Well 3	GW	1/17/2014	PFOS	0.04	EPA 537	0.043	9	CA
Park Water Company - Bellflower/Norwalk	Well 28B	GW	6/18/2013	PFOS	0.04	EPA 537	0.051	9	CA
Park Water Company - Bellflower/Norwalk	Well 41A	GW	3/7/2014	PFOS	0.04	EPA 537	0.049	9	CA
Park Water Company - Bellflower/Norwalk	Well 41A	GW	6/18/2013	PFOS	0.04	EPA 537	0.049	9	CA
Park Water Company - Bellflower/Norwalk	Well 46C	GW	6/18/2013	PFOS	0.04	EPA 537	0.045	9	CA
City of Garden Grove	Well 19	GW	5/14/2013	PFOS	0.04	EPA 537	0.044	9	CA
City of Garden Grove	Well 19	GW	11/13/2013	PFOS	0.04	EPA 537	0.0493	9	CA
City of Garden Grove	Well 23	GW	11/13/2013	PFOS	0.04	EPA 537	0.0496	9	CA
City of Garden Grove	Well 23	GW	5/15/2013	PFOS	0.04	EPA 537	0.048	9	CA
City of Orange	Well 23	GW	10/14/2014	PFOA	0.02	EPA 537	0.0224	9	CA
City of Orange	Well 3	GW	5/14/2014	PFOS	0.04	EPA 537	0.0659	9	CA
City of Orange	Well 3	GW	5/14/2014	PFOA	0.02	EPA 537	0.0291	9	CA
City of Orange	Well 8	GW	10/13/2014	PFOS	0.04	EPA 537	0.0486	9	CA
City of Orange	Well 15	GW	10/13/2014	PFOS	0.04	EPA 537	0.0437	9	CA
City of Orange	Well 15	GW	5/14/2014	PFOS	0.04	EPA 537	0.0453	9	CA
City of Orange	Well 15	GW	5/14/2014	PFOA	0.02	EPA 537	0.0261	9	CA
City of Orange	Well 15	GW	10/13/2014	PFOA	0.02	EPA 537	0.0252	9	CA
City of Orange	Well 15	GW	5/14/2014	PFHpA	0.01	EPA 537	0.0115	9	CA
City of Orange	Well 3	GW	10/13/2014	PFOS	0.04	EPA 537	0.0637	9	CA
City of Orange	Well 3	GW	10/13/2014	PFOA	0.02	EPA 537	0.0268	9	CA
City of Orange	Wells 4 & 5 Blend	GW	10/14/2014	PFOA	0.02	EPA 537	0.021	9	CA
City of Fullerton	Well 3A	GW	4/15/2014	PFOS	0.04	EPA 537	0.0412	9	CA
City of Fullerton	Well 3A	GW	9/16/2014	PFOS	0.04	EPA 537	0.0412	9	CA
City of Anaheim	Well 55	GW	1/7/2015	PFOA	0.02	EPA 537	0.02	9	CA
City of Anaheim	Well 55	GW	1/7/2015	PFOS	0.04	EPA 537	0.045	9	CA
City of Anaheim	Well 55	GW	6/10/2015	PFOA	0.02	EPA 537	0.02	9	CA
City of Anaheim	Well 55	GW	6/10/2015	PFOS	0.04	EPA 537	0.048	9	CA
City of Anaheim	Well 46	GW	1/6/2015	PFOS	0.04	EPA 537	0.068	9	CA
City of Anaheim	Well 46	GW	6/9/2015	PFOA	0.02	EPA 537	0.028	9	CA
City of Anaheim	Well 46	GW	1/6/2015	PFOA	0.02	EPA 537	0.028	9	CA
City of Anaheim	La Vista Treatment Plant	GW	6/9/2015	PFOS	0.04	EPA 537	0.047	9	CA
City of Anaheim	La Vista Treatment Plant	GW	1/6/2015	PFOS	0.04	EPA 537	0.046	9	CA
City of Anaheim	Well 41	GW	1/6/2015	PFOS	0.04	EPA 537	0.055	9	CA
City of Anaheim	Well 41	GW	1/6/2015	PFOA	0.02	EPA 537	0.023	9	CA
City of Anaheim	Well 46	GW	6/9/2015	PFOS	0.04	EPA 537	0.07	9	CA
City of Anaheim	Well 41	GW	6/9/2015	PFOS	0.04	EPA 537	0.0431	9	CA
City of Anaheim	Well 54	GW	1/7/2015	PFOS	0.04	EPA 537	0.041	9	CA
City of Anaheim	Well 56	GW	6/10/2015	PFOS	0.04	EPA 537	0.043	9	CA
City of Anaheim	Well 56	GW	1/7/2015	PFOS	0.04	EPA 537	0.042	9	CA
City of Downey Water Department	Well 24	GW	8/13/2015	PFOS	0.04	EPA 537	0.045	9	CA
City of Downey Water Department	Well 24	GW	2/24/2015	PFOS	0.04	EPA 537	0.053	9	CA

Data Source:

United States Environmental Protection Agency (USEPA). January 2017. Office of Water (MS-140), EPA 815-S-17-001

Joint Forces Training Base Los Alamitos Tabulated PFAS Chemistry Results Wells: ARMD-LA3, ARMD-LA5, ARMD-LARA, ITO-LA

auto_id Command (IMCOM, AMC, ARNG, Army Reserve) State Guard, RSC)	Garrison/ Installation/ Site/ Facility	SOURCE WATER TYPE (GW, SW, MIX)	SAMPLE LOCATION (FACILITY/BLDG NUMBER/DESCRIPTION)	SAMPLE ID #	SAMPLE COLLECTION DATE (DD/MMM/YY)	ANALYTE NAME	CONCENTRATION LEVEL	RESULT UNIT OF MEASUREMENT nanograms/L = 1 part per trillion (ppt)	MINIMUM REPORTABLE LEVEL	FIELD REAGENT BLANK CONCENTRATION	CLP FLAGS	ANALYTICAL METHOD	VALIDATED	Notes
1 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	6:2FTS	4.77	NG/L	9.19		J	537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
2 ARNG CAARNG 3 ARNG CAARNG	JFTB LOS ALAMITOS	GW GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	8:2FTS N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		NG/L NG/I	9.19 13.8		U	537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
4 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		NG/L	13.8		Ü	537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
5 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	Perfluorooctanoic acid (PFOA)	87.9	NG/L	1.84			537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
6 ARNG CAARNG 7 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ARMD-LA3 ARMD-I A3	W-CA-LOSA-001-28FEB17 W-CA-LOSA-001-28FEB17	02/28/2017 02/28/2017	Perfluorobutanesulfonic acid (PFBS)	42.1	NG/L NG/L	1.84			537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
7 ARNG CAARNG 8 ARNG CAARNG	JETB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17 W-CA-LOSA-001-28FEB17	02/28/2017	Perfluorobutanoic acid (PFBA) Perfluorodecanoic acid (PFDA)	33.2	NG/L NG/I	0.919			537		Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
9 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	Perfluorododecanoic acid (PFDoA)	0.00	NG/L	1.84		U	537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
10 ARNG CAARNG 11 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ARMD-LA3 ARMD-I A3	W-CA-LOSA-001-28FEB17	02/28/2017	Perfluoroheptanoic acid (PFHpA)	7.51 105	NG/L NG/I	1.84			537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
11 ARNG CAARNG 12 ARNG CAARNG	JETB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17 W-CA-LOSA-001-28FFB17	02/28/2017 02/28/2017	Perfluorohexanesulfonic acid (PFHxS) Perfluorohexanoic acid (PFHxA)	105	NG/L NG/I	1.84			537	103	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
13 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	Perfluorononanoic acid (PFNA)	2.04	NG/L	1.84		J	537		Sample Time (0955) - Non-active well; no well pump present; baller sample obtained
14 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	Perfluorooctanesulfonic acid (PFOS)	230 38.9	NG/L NG/I	2.76 1.84			537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
15 ARNG CAARNG 16 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ARMD-LA3 ARMD-LA3	W-CA-LOSA-001-28FEB17 W-CA-LOSA-001-28FEB17	02/28/2017 02/28/2017	Perfluoropentanoic acid (PFPeA) Perfluorotetradecanoic acid (PFTeA)	38.9	NG/L NG/L	1.84 0.919	0.637	- 11	537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
17 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	Perfluorotridecanoic Acid (PFTriA)		NG/L	1.84	0.007	U	537	Yes	Sample Time (0955) - Non-active well; no well pump present; bailer sample obtained
18 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA3	W-CA-LOSA-001-28FEB17	02/28/2017	Perfluoroundecanoic acid (PFUnA)	0.730	NG/L	1.84		J	537	Yes	Sample Time (0955) - Non-active well; no well pump present; baller sample obtained
19 ARNG CAARNG 20 ARNG CAARNG	JFTB LOS ALAMITOS IFTB I OS ALAMITOS	GW GW	ARMD-LA5 ARMD-I A5	W-CA-LOSA-002-28FEB17 W-CA-LOSA-002-28FFB17	02/28/2017 02/28/2017	6:2FTS 8:2FTS		NG/L NG/L	9.64 9.64		U	537 537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
21 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW	ARMD-LAS	W-CA-LOSA-002-28FEB17 W-CA-LOSA-002-28FEB17	02/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		NG/L NG/L	14.5		U	537	Yes	Sample Time (1100) - Non-active well; no well pump present; baller sample obtained
22 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA5	W-CA-LOSA-002-28FEB17	02/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		NG/L	14.5		U	537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
23 ARNG CAARNG 24 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ARMD-LA5 ARMD-I A5	W-CA-LOSA-002-28FEB17 W-CA-LOSA-002-28FEB17	02/28/2017	Perfluorooctanoic acid (PFOA) Perfluorobutanesulfonic acid (PFBS)	28.0	NG/L NG/L	1.93			537 537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
24 ARNG CAARNG 25 ARNG CAARNG	JETB LOS ALAMITOS	GW	ARMD-LA5	W-CA-LOSA-002-28FEB17 W-CA-LOSA-002-28FEB17	02/28/2017 02/28/2017	Perfluorobutanesulfonic acid (PFBS) Perfluorobutanoic acid (PFBA)	1.81	NG/L NG/L	0.964		J	537		Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
26 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA5	W-CA-LOSA-002-28FEB17	02/28/2017	Perfluorodecanoic acid (PFDA)	2.95	NG/L	0.964		J	537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
27 ARNG CAARNG	JETB LOS ALAMITOS	GW	ARMD-LA5	W-CA-LOSA-002-28FEB17	02/28/2017	Perfluorododecanoic acid (PFDoA)	(0)	NG/L	1.93		U	537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
28 ARNG CAARNG 29 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ARMD-LA5 ARMD-LA5	W-CA-LOSA-002-28FEB17 W-CA-LOSA-002-28FEB17	02/28/2017 02/28/2017	Perfluoroheptanoic acid (PFHpA) Perfluorohexanesulfonic acid (PFHxS)	6.92 5.55	NG/L NG/L	1.93 1.93		1	537 537	Yes Yes	Sample Time (1100) - Non-active well; no well pump present; baller sample obtained Sample Time (1100) - Non-active well; no well pump present; baller sample obtained
30 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA5	W-CA-LOSA-002-28FEB17	02/28/2017	Perfluorohexanoic acid (PFHxA)	10.3	NG/L	1.93			537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
31 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA5	W-CA-LOSA-002-28FEB17	02/28/2017	Perfluorononanoic acid (PFNA)	4.98	NG/L	1.93		J	537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
32 ARNG CAARNG 33 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ARMD-LA5 ARMD-I A5	W-CA-LOSA-002-28FEB17 W-CA-LOSA-002-28FEB17	02/28/2017 02/28/2017	Perfluorooctanesulfonic acid (PFOS) Perfluoropentanoic acid (PFPeA)	48.7 12.2	NG/L NG/I	2.89			537 527	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
34 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LAS	W-CA-LOSA-002-28FEB17 W-CA-LOSA-002-28FEB17	02/28/2017	Perfluorotetradecanoic acid (PFTeA)	1.45	NG/L	0.964	0.668	J	537	Yes	Sample Time (1100) - Non-active well; no well pump present; baller sample obtained
35 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LA5	W-CA-LOSA-002-28FEB17	02/28/2017	Perfluorotridecanoic Acid (PFTriA)		NG/L	1.93		U	537	Yes	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
36 ARNG CAARNG 37 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ARMD-LA5	W-CA-LOSA-002-28FEB17 W-CA-LOSA-003-28FFB17	02/28/2017 02/28/2017	Perfluoroundecanoic acid (PFUnA) 6:2FTS		NG/L NG/I	1.93 9.51		U	537	Yes :	Sample Time (1100) - Non-active well; no well pump present; bailer sample obtained
73 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17	02/28/2017	6:2FTS		NG/L	9.24		Ü	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
74 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17	02/28/2017	8:2FTS		NG/L	9.24		U	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
38 ARNG CAARNG 39 ARNG CAARNG	JFTB LOS ALAMITOS JETB LOS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-003-28FEB17	02/28/2017	8:2FTS		NG/L NG/L	9.51 14.3		U	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
75 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17	02/28/2017 02/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA) N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		NG/L NG/L	13.9		U	537	Ves	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot Sample Time (1150). Duplicate of .W.CA-IOSA-003-28FFB17.
76 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17	02/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		NG/L	13.9		Ü	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17 Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
40 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		NG/L	14.3		U	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
41 ARNG CAARNG 77 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017 02/28/2017	Perfluorooctanoic acid (PFOA) Perfluorooctanoic acid (PFOA)	3.39 3.44	NG/L NG/L	1.90 1.85		J	537 537		Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
78 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17	02/28/2017	Perfluorobutanesulfonic acid (PFBS)	5.44	NG/L	1.85		U	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
42 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	Perfluorobutanesulfonic acid (PFBS)		NG/L	1.90		U	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
43 ARNG CAARNG 79 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-DUP-28FFB17	02/28/2017	Perfluorobutanoic acid (PFBA) Perfluorobutanoic acid (PFBA)	0.445	NG/L NG/I	0.951		U	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
80 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17	02/28/2017	Perfluorodecanoic acid (PFDA)	0.443	NG/L	0.924		U	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
44 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	Perfluorodecanoic acid (PFDA)		NG/L	0.951		U	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
45 ARNG CAARNG 81 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017 02/28/2017	Perfluorododecanoic acid (PFDoA) Perfluorododecanoic acid (PFDoA)		NG/L NG/L	1.90		U	537 537	Yes	Sample Time (1145) MS/MSD: well purge approx. 10 minutes collect sample from inline spigot Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
82 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017	Perfluorododecanoic acid (PFDOA) Perfluoroheptanoic acid (PFHpA)		NG/L NG/L	1.85		U	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB1/
46 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	Perfluoroheptanoic acid (PFHpA)		NG/L	1.90		U	537	Ves	Sample Time (1145) MS/MSD: well purge approx. 10 minutes collect sample from inline spigot
47 ARNG CAARNG 83 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017 02/28/2017	Perfluorohexanesulfonic acid (PFHxS) Perfluorohexanesulfonic acid (PFHxS)	3.66 3.67	NG/L NG/L	1.90		J	537 537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
84 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017	Perfluoronexanesuitonic acid (PFHxS) Perfluoronexanoic acid (PFHxA)	1.14	NG/L	1.85		J	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17 Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
48 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	Perfluorohexanoic acid (PFHxA)	1.26	NG/L	1.90		J	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
49 ARNG CAARNG 85 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-DUP-28FFB17	02/28/2017	Perfluorononanoic acid (PFNA) Perfluorononanoic acid (PFNA)		NG/L NG/I	1.90 1.85		U	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
86 ARNG CAARNG	JETB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017	Perfluoronanoic acid (PFNA) Perfluoroctanesulfonic acid (PFOS)	ND above RL?	NG/L NG/L	2.77		U	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17 Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
50 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	Perfluorooctanesulfonic acid (PFOS)		NG/L	2.85		U	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
51 ARNG CAARNG 87 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017 02/28/2017	Perfluoropentanoic acid (PFPeA) Perfluoropentanoic acid (PFPeA)		NG/L NG/L	1.90 1.85		UJ	537 537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
88 ARNG CAARNG	JETB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-DUP-28FEB17	02/28/2017	Perfluoropentanoic acid (PFPeA) Perfluorotetradecanoic acid (PFTeA)	1.28	NG/L NG/L	0.924	0.559	J	537	Yes	Sample Time (1150) Dublicate of W-CA-LOSA-003-28FEB17
52 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	Perfluorotetradecanoic acid (PFTeA)	1.55	NG/L	0.951	0.559	J	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
53 ARNG CAARNG 89 ARNG CAARNG	JFTB LOS ALAMITOS IFTB I OS ALAMITOS	GW GW	ITO-LA ITO-LA	W-CA-LOSA-003-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017 02/28/2017	Perfluorotridecanoic Acid (PFTriA) Perfluorotridecanoic Acid (PFTriA)		NG/L NG/I	1.90 1.85		U	537 537	Yes	Sample Time (1145) MS/MSD; well purge approx. To minutes collect sample from Inline spigot
90 ARNG CAARNG 90 ARNG CAARNG	JETB LOS ALAMITOS JETB LOS ALAMITOS	GW	ITO-LA ITO-LA	W-CA-LOSA-DUP-28FEB17 W-CA-LOSA-DUP-28FEB17	02/28/2017	Perfluorotridecanoic Acid (PF IriA) Perfluoroundecanoic acid (PFUnA)		NG/L NG/L	1.85		U	537	Yes	Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17 Sample Time (1150) Duplicate of W-CA-LOSA-003-28FEB17
54 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ITO-LA	W-CA-LOSA-003-28FEB17	02/28/2017	Perfluoroundecanoic acid (PFUnA)		NG/L	1.90		Ü	537	Yes	Sample Time (1145) MS/MSD; well purge approx. 10 minutes collect sample from inline spigot
55 ARNG CAARNG 56 ARNG CAARNG	JFTB LOS ALAMITOS IFTB LOS ALAMITOS	GW GW	ARMD-LARA ARMD-LARA	W-CA-LOSA-004-28FEB17 W-CA-LOSA-004-28FFB17	02/28/2017	6:2FTS		NG/L NG/I	9.75 9.75		U	537 537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
56 ARNG CAARNG 57 ARNG CAARNG	JETB LOS ALAMITOS JETB LOS ALAMITOS	GW	ARMD-LARA ARMD-LARA	W-CA-LOSA-004-28FEB17 W-CA-LOSA-004-28FEB17	02/28/2017 02/28/2017	8:2FTS N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		NG/L NG/L	9.75		U II	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
58 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LARA	W-CA-LOSA-004-28FEB17	02/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		NG/L	14.6		Ü	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
59 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LARA	W-CA-LOSA-004-28FEB17	02/28/2017	Perfluorooctanoic acid (PFOA)	28.6	NG/L	1.95			537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
60 ARNG CAARNG 61 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ARMD-LARA ARMD-LARA	W-CA-LOSA-004-28FEB17 W-CA-LOSA-004-28FEB17	02/28/2017 02/28/2017	Perfluorobutanesulfonic acid (PFBS) Perfluorobutanoic acid (PFBA)	2.03 39.2	NG/L NG/L	1.95 0.975		J	537 537	Yes Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
62 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LARA	W-CA-LOSA-004-28FEB17	02/28/2017	Perfluorodecanoic acid (PFDA)	3.53	NG/L	0.975		J	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
63 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LARA	W-CA-LOSA-004-28FEB17	02/28/2017	Perfluorododecanoic acid (PFDoA)		NG/L	1.95		U	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
64 ARNG CAARNG 65 ARNG CAARNG	JFTB LOS ALAMITOS JFTB LOS ALAMITOS	GW GW	ARMD-LARA ARMD-LARA	W-CA-LOSA-004-28FEB17 W-CA-LOSA-004-28FEB17	02/28/2017 02/28/2017	Perfluoroheptanoic acid (PFHpA) Perfluorohexanesulfonic acid (PFHxS)	2.59	NG/L NG/I	1.95 1.95		J	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
66 ARNG CAARNG	JETB LOS ALAMITOS	GW	ARMD-LARA ARMD-LARA	W-CA-LOSA-004-28FEB17 W-CA-LOSA-004-28FEB17	02/28/2017	Perfluoronexanesuitonic acid (PFHxS) Perfluoronexanoic acid (PFHxA)	23.9	NG/L	1.95			537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
67 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LARA	W-CA-LOSA-004-28FEB17	02/28/2017	Perfluorononanoic acid (PFNA)	4.04	NG/L	1.95		J	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
68 ARNG CAARNG 69 ARNG CAARNG	JFTB LOS ALAMITOS JETB LOS ALAMITOS	GW GW	ARMD-LARA ARMD-LARA	W-CA-LOSA-004-28FEB17 W-CA-LOSA-004-28FEB17	02/28/2017 02/28/2017	Perfluorooctanesulfonic acid (PFOS)	30.8	NG/L NG/I	2.93	1.28		537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
70 ARNG CAARNG CAARNG	JETB LOS ALAMITOS JETB LOS ALAMITOS	GW	ARMD-LARA ARMD-LARA	W-CA-LOSA-004-28FEB17 W-CA-LOSA-004-28FEB17	02/28/2017 02/28/2017	Perfluoropentanoic acid (PFPeA) Perfluorotetradecanoic acid (PFTeA)	12.9	NG/L NG/L	1.95 0.975	0.667	J	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
71 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LARA	W-CA-LOSA-004-28FEB17	02/28/2017	Perfluorotridecanoic Acid (PFTriA)		NG/L	1.95		Ü	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained
72 ARNG CAARNG	JFTB LOS ALAMITOS	GW	ARMD-LARA	W-CA-LOSA-004-28FEB17	02/28/2017	Perfluoroundecanoic acid (PFUnA)		NG/L	1.95		U	537	Yes	Sample Time (1218) - Non-active well; no well pump present; bailer sample obtained

Appendix B Preliminary Assessment of Documentation

Appendix B.1 Interview Records

PA Interview Questionnaire - Fire Station

Facility: APNG WSALAMITOS
Interviewer: GUS R.
Date/Time: 1/25/18 1300
FOULVI-VP

Interviewee: ANTHONY MORGANT! Title: LOSAIAMITOS JETB FIRE DEPT FIRE CAPT. Phone Number: 562.795.2144 Email: Anthony. c.morganti.nfg@mail-mil 1. Roles or activities with the Facility/years work	Can your name/role be used in the PA Report? Y or N Can you recommend anyone we can interview? Y or N
	TMENT FIRE CAPTAIN/19 YEARS (CIVILLAN)
	(APPIL 2000 TO PRESENT
	F at the Facility? Was it used for any of the following ars of active use, if known? Identify these locations on a
Maintenance (e.g., ramp washing) Fire Training Areas - AT FID (west) of a Firefighting (Active Fire) - WHEEL FIRE; A Crash Fire Suppression Systems (Hangers/Dining Fa Fire Protection at Fueling Stations Non-Technical/Recreational/Pest Managemen	LPHA I TAXI-V/AY
	FFF dispensing systems or fire suppression systems? equirements? What is the frequency of testing at the
High expansion foam? CURRENILY HARSED IN HANGAR! BOTH SYS TEMS WERENILY LOC	ged with AFFF or have they been retrofitted for use of /A - FULL IN HANGAR 3 KED/TREGED OUT - INOPERATIONAL E UNITS W/AFFF APE BEING PHASED OUT
5 How is AFFF procured Do you have an inver 1 OUTSIDE VENLOOP	ntory/procurement system that tracks use?
A Paper The Control	THE STATE OF THE S

PA Interview Questionnaire - Fire St		Facility: APHG LOS ALAMITOS
	OBSECTED HISTORICALLY USET	Facility: APNG LOS ALAMITOS Interviewer: GUS P. Date/Time: 1/25/18 1300
6. What type of AFFF has been/is being u Manufacturer (3M, Dupont, Ansul, Nat	sed (3%, 6%, Mil Spec Mil-F-2 ional Foam, An gu s, Chemguar	24385, High Expansion)? d, Buckeye, Fire Service Plus)?
C S6E -	in in the second	August Dang State and August 1
2		i de
7 Is AFFF formulated on base? If so,	where is the solution mixed, co	ontained, transferred, etc.?
CHO		
		10 0
Where is the AFFF stored? How is it size are the storage tanks? Is the AFF material?		
TRULDING; SOUTH OF 5-GALLON BULLETS	FIRE STATION _ 55 F	ALLON DEVMS &
5-GALLON BULLETS		
9 How is the AFFF transferred to eme extinguishers? Is/was there a specified does this area have secondary containm AFFF cleaned/decontaminated?	area on the facility where vehice	cles are filled with AFFF and
dad —	er y a company	Francisco esta esta esta esta esta esta esta esta
10. Provide a list of vehicles that carried	AFFF, now and in the past, an	nd where are/were they located?
	6	
Any vehicles have a history of leakin make sure equipment is working prop you provide the locations of these test	erly! How often are/were the s, now and in the past?	se spray tests performed and can
(THINOR (FEW GALLOINS) LEAKED (2 YES, GWEST END OF TAIRMAN (3) (SOUTH EN	TEST SPRAY PERF	USING 3% FOAM (ONLYSINGE FORMED WORKEDAT BASE)
	MONTHLY; ±(OF TRUCKS TESTED

SPRAYED ON CONCRETE; WASHED OFF TO GRASSY AREA AT END OF TARMAL

- S.F.

PA Interview Questionnaire - Fire Station Facility: ARHE-LOSALAM ITOS

Facility: ARNG-LOSALAM ITOS Interviewer: GUS & Date/Time: 1/25/18 13 00

	/
12. How many FTAs are/were on this facility and where are they? Locate on a map. How are active and inactive? For inactive FTAs, when was the last time that fire training the same and total at them?	
was conducted at them? 979 1) FTA # 1 *4) NEXI FTA (1983 - 1987)	*INACTNE
183(2) FTA#2 15) WEST END OF TREMAC FTA/TEST SPRAYAGEA	A ACTIVE
*(3) FTA # 3	
13. What types of fuels/flammables were used at the FTAs?	Nage The I
VARIOUS PERDETED - JP-4 MENTIONED	
T REPORTED FTAHITO #3 - 6-BTIMES/WEEK 3 NO NEX/ FTA-UP TO 6/WEEK 4 LEFT IN	
NEXI FTA-UP TO 6/WEEK (4) LEFT IN	S-PLACE
This has been been been been been been been bee	
(5) Are there mutual aid/use agreements between county, city, local fire department? Please informal. If formalized, may we have a copy of the agreement? Can you recall specific t county, state personnel came on-post for training? If so, please state which state/county a military entity? Do you have any records, including photographs to share with us?	imes when city,
(TYES, BUT ONLY FOR STRUCTURAL FIRES (NO NE PEPORTED) - NE	AUY CRA UNK.
(2) A PHOTO AVAIL OF KENTEE	LFIPE
(3 DEANGE GOUNTY (WONDED) ON ALPHA TAXI-WAY	no ar eras
16. Did individual units come on-post with their own safety personnel, did they also bring the Was training with AFFF part of these exercises? How were emergencies handled under the circumstances?	

	PA Interview Questionnaire – Fire Station	Facility: ARNE-LOS ALAM Interviewer: GUS R Date/Time: 1/25/18 1300
		Date/Time: 1/25/18 1302
		off-post2-kist units that you can recall used/trained at
	various areas.	and the system of the system o
		1977
		,***
		= 1
		$\overline{\mathcal{O}}$
	so, may we please copy these reports? Who (en	
	(VEG WHEEL FIRE - AIRCRAFT.	- ALPHA TAXI-WAY (MIDDLE OF TAXI-WA "HAMMER HEAD AREA"
	(t >) (t >)	"HAMMER-HEAD AREA"
	$\widehat{2}$	BRAVE FIRE EXTING, W/ TEVENC (NOR 70-80 GAUS <u>FOAM</u> USED)
	JETB .	EXTING, W/ TEVER (NOR
	S LOS ALAMITOS FIRE STATION	70-80 GALS FOAM USED
	19. Do you have records of fuel spill logs? Was	it common practice to wash away fuel spills with
		response to fuel releases or emergency runway
	landings to prevent fires?	
	20. Was AFFF used for forest fires or fire manage happened and who was involved?	ment on-post/off-post? If so, please describe what
	C 40	
	C140	
	/ 750 GAU.	AFFF AST
	CYCLEM ICI	W/1 FALC - AST 15/16/ KBION N 1/4
	21. Can you provide any other locations where A	AFFF has been stored, released, or used (i.e. hangars,
CIEPE	buildings, fire stations, firefighting equipme	nt testing and maintenance areas, emergency response
PELYAN	sites, storm water/surface water, waste water	treatment plants, and AFFF ponds)?
to C	1) HANGARS (P\$/3, CUSED & STOPED-	-AST decleased)
OKIN	2) BUILDINGS 090,091,099,920	AFFF has been stored, released, or used (i.e. hangars, nt testing and maintenance areas, emergency response treatment plants, and AFFF ponds)? -AST LEELEASED 4,042 B) WHEEL FIRE ALPHA HAMMER-HE
O' WY.	J BOUDINGS O 10/01/10/1/10	ALPHA HAMMER-HE
KUNK	3) BUILDING 043	MID-TAVIVAY
		6-130 TANKE
O. T. F.	/	0 0 11 11 11 11
JEV PRI	5) RUILDING ORD (UGO TO KILLEY	PES) 9) CRACH MOBILE TANKS NOT TESTED ONSITE - VEN
1//	5) BUILDING OBO (USED TO KILLIBE 70-BO FALS I	NOT TESTED ONS ITE - YEN
CHY CHY	10 0001103	PHASING THESE OUT IN
(0,	south of BUILDING 233	06
	1 FIRE	
	6) STATION - MINDELEAKS/SPIUS	WASHED TO DRAIN - A FEW GALLOWS
		D.T.
	1	F T T T

7) WEST END OF THE MAC; SPEAYED FOR EQUIP. TESTING & CLEANING
10 SEC SPEAY (GALS AFFF)
MONTHLY W/ YEHICLES

PA Interview Questionnaire - Fire Station

Facility: APNE-LOSALAMITOS Interviewer: GUS R. Date/Time: 1/25/18

					What entities were
involved?	USED TO	BUILDING O			4 AFFF)
		South of Bylis	DING	233	

_		. ~
2	How is off-spec AFFF disposed (used for training, turned in, or given to a local Fire Statio	n)? If
,	applicable, do you know the name of the vendor that removes off-spec AFFF? Do you hav	e copies of
	the manifest or B/L?	1

(1 HOT DISPOSED OF - ALL USED DE STORET)

2 VENDOR IS

24. Do you recommend anyone else we can interview? If so, do you have contact information for them?

Appendix B.2 Visual Site Inspection Checklists



Visual Site Inspection Checklist

	(AEODY) (ARNG) (BNY) MANAG)
Names(s) of people p	
	Recorded by: GUS R.
	ARNG Contact: TOM TANDOC
	Date and Time: 1/24/18 - ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Method of visit (walking, dri	
Source/Release Information	
Site Name / Area Name / Unique ID:	FORMER NAVY HOUSING APEA - WELL # 5 (W-5)
Site / Area Acreage:	~ 30ALPEGS? (MEASURE [])
Historic Site Use (Brief Description):	HOUSING (W/NUMPEDIAS STEVETURES) - STRUCTURES REMOVED AND SITE GRADED 2014 & 2015 17 RESPECTIVELY
Current Site Use (Brief Description):	RELATIVELY FLAT, GRASS, COVERED W/ OCCAS, TREES
	CURRENTLY USED BY 9th CST FOR MOUNT TRAINING (URBAN TRAIN.)
Physical barriers or access restrictions:	ACCESS KI/PERM. (TRAINING IN PROGRESS AT TIME OF VISIT)
	AT MORTHERN BORDED OF BASE; WWALL & REYOND = RESIDENT.
1. Was PFAS used (or spilled) at the site/are	
	how PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
	HOME-REPORTED -
· · · · · · · · · · · · · · · · · · ·	
2. Has usage been documented? 2a. If yes, keep a reco	ord (place electronic files on a disk): NAVY BRAUSE OF AFFF NOT KNOWN
	DEHERE AVAIL DOCUM, IN THIS AREA
3. What types of businesses are located near	8
	HOUSING LEEA IS ADJACENT TO NORTHERN SITE/BASE BOUNDAR
	NOPITY IS: FARQUITAR AVE THEN DESIDENTIAL COMMUNITY
4. Is this site located at an airport/flightline?	PYN TO FAST IS: FIELD/PLAYERDUME description of the airport/filightline tenants:
	TO SOUTH IS: APNG BASE
	10 WEST IS: BASEBALL FIELDS/
SKETCH:	RESIDENTIAL SOLAR PANEL APRAY
4/	FARQUHAR AYE MORTHERNBOUNDARY (VAL) MN
PLAYEROUNG	M-511 CAMERICADRIVE
NAV FIELD	SOLAR ARRAY
* NOTTO SCALE	FORMER HANY RESIDENT (STEVENES) & BASE

Other Significant	Site Features:	
l. Does the facility	have a fire suppression system?	ACCORPING TO JOE & TOM
	1a. If yes, indicate which type of AFFF has been u	ACCORPING TO JOE & FOM IN THE FORMER NAVY HOUSING
		IN THE FORMER-NAVY HOUSING APEA
	1b. If yes, describe maintenance schedule/leaks:	
	1c. If yes, how often is the AFFF replaced:	
	Te. If yes, now often is the ATTT replaced.	
	1d. If yes, does the facility have floor drains and w	where do they lead? Can we obtain an as built drawing?
Transport / Pat	hway Information	
Migration Potenti	ial:	
. Does site/area di	rainage flow off installation?	,
	la. If so, note observation and location.	POTENTIALLY NO STDEM DRAIN/DROP INLETS; OVERLAND FLOW/DRAINAGE
		INLETS; OVERLAND FLOW/DRAINAGE
	NAT NORTHE. SITE	FBORDER (
. Is there channeli	zed flow within the site/area?	Y(N)
	2a. If so, please note observation and location:	RELATIVELY FLAT, ROADS & SOME
		CONCRETE/BUILDING PADS REMAIN
		WHILE IT WILDING IAVS ELAVING
	1:1:	
. Are monitoring of	or drinking water wells located near the site?	-b (Y/N
	3a. If so, please note the location: WELL	LHS: IOCATED MIDDLE NORTHERN FOR
	150 TO 180 PPB RANGE	SITE BOUNDARY, REPORTED TO BE SEVERY
. Are surface wate	er intakes located near the site?	YN HUNDREDS FEET DEEP W
	4a. If so, please note the location:	HEAD DESSERVED TO BE W/STEEL PLATE RE
		LOOSELY ON CRACKED CONCR. WELLPAT
		IT WAS MENTIONED THAT WATER PONDS A
. Can wind disper	sion information be obtained? Y(N)	THE AREA OF THE WELLHEAD.
	5a. If so, please note and observe the location.	
. Does an adjacent	t non-ARNG PFAS source exist? Y/N	The state of the s
•	6a. If so, please note the source and location.	UNWHOLDN; POTENTIALLY
	6b. Will off-site reconnaissance be conducted?	(Y/N
	The recent -	GEOTPACKER/ENVIROSTOR/EDR Page 2 of 4 2 IVE-BY = RESIDENTIAL
	title 50	N/G-BY - BECIDENTIAL
	M-HILLD = DE	1/1/ 1/ - H-> 1/1/ 1 H+

Significant Topographical Features:
1. Has the infrastructure changed at the site/area?
1a. If so, please describe change (ex. Structures no longer exist): RESIDENTIAL STRUCTURES
REMOVED W/CONSTR, MATERIALS (OONC. FTC.)
CENSUED/RECYCLED: ONE STORM
2EMOVED W/CONSTR, MATERIALS (CONC. ETC.) CRUSHED / RECYCLED; ONE & 50 TON 2. Is the site/area vegetated? YON STOCKPILE REMAINS
2a. If not vegetated, briefly describe the site/area composition:
ERASS/WUMMOCKY SANDY SILT *HUMFROUS
GEDUND SQUIRFEL HOLFC
3. Does the site or area exhibit evidence of erosion? (Y)N OBSERVED W/IN AREAX
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:
Receptor Information
1. Is access to the site restricted? YIN 1 NO FFNCE; WITH "RESTRICTED AREA" SIGN
1. Is access to the site restricted? 1. Is access to the site restric
EXCEPASE & TIME OF VISIT
Site Workers / Construction Workers / Trespassers / Residential / Recreational
2. Who can access the site? Users / Ecological 2a. Circle all that apply, note any not covered above:
2a. Circle all that apply, note any not covered above: GUARD STAFF
3. Are residential areas located near the site?
3a. If so, please note the location/distance:
RESIDENTIAL TO NORTH-HYDRAULICALLY
UPERADIENT FROM WELL#5, ADJACEN
4. Are any schools/day care centers located near the site? Y/N PONORTHERN SUTE
4a. If so, please note the location/distance/type:
I CHECK MAPS/EDR
5. Are any wetlands located near the site? Y(N)
5a. If so, please note the location/distance/type:
I AHECK MAPS/EDR
Tellor melol

Additional Notes	WELL-HEAD REJENTLY REPATRED (LOVER/MANIWAY
- ONLY)	- CONC. APRON LRACKET - HISTORIC FONDING WATER REPORTED

Photographic Log

Photo ID/Name	Date & Location	Photograph Description
1330	1/24/18 (XIEB)	GOOGLE EARTH FOR POSITION
1430	1/24/18 9:56AM	VIEW TO NORTH, WELLES GROWND STE SURPOUNDING; WALL/RES (DENT. COFFSITE)
133	1/24/18 9:59 AM	PANDEAM IC OF AREA: YIEV TO NDRTH
		PANORAMIC OF AREA; YIEW TO NORTH





Visual Site Inspection Checklist

((JETBENVI.MANGER)
Names(s) of people performing VSI:	
Recorded by:	GUS R.
ARNG Contact:	TOM TANDOC
Date and Time:	1/24/18 10:06AM
Method of visit (walking, driving, adjacent):	DRIVE/WALK
Source/Release Information	EMFRE, D/W/
Site Name / Area Name / Unique ID:	FIRE RESCUE AREA (#1) & WELL#3(W-3)
Site / Area Acreage: APPROX.	3. OACRES &CFR # 2 \$ #3 (OFFEN GROUPED
Historic Site Use (Brief Description): APASHFIRET	11/
7	ECRASHFIRETRANING -NAVY ERA (1977-1979)
Current Site Use (Brief Description):	GRAVEL VEHICLE STORAGE YARD &CFR'S #2
40th M	P (VEHICLE / HUMVFEYARD) CHAIN-LINK FROM
Physical barriers or access restrictions:	(FHOUSED) INACCESCIBLE AREA (1979)
	ISIBLE THROUGH CHAIN-LINK FENCE 1983
1. Was PFAS used (or spilled) at the site/area?	(Y)N CFRS#2\$#3-ALLESIBLE
1a. If yes, document how PFAS was u	ised and usage time (e.g., fire fighting training 2001 to 2014):
1441 MINEROPECTIONS TYC	AVATE VIGER OF COLOR
THEN GNITED.	TRAINING W/AFF MID TO LATE TOS (NAVY)
2. Has usage been documented?	(1977 TO 1979) (1979 TO 198
2a. If yes, keep a record (place electro	THE THE OH A CISK).
NAVY BEAT ELCIZOS N	A-RI DOWNENTS USAGE 4#3
AREA	
3. What types of businesses are located near the site?	Industrial'/ Commercial / Plating / Waterproofing / Residential ed near the site - BULLING # 41 HYOR, UPGRADIENT
OF AREA DIMOSTATION	TO NORTH ACROSS CARATTICA INC. I ATTO
SMALL SPRUCTURES TO	NORTH, USE VNK. BUILDING #41= VCHICLE
4. Is this site located at an airport/flightline?	WALLE CALLED
4a. If yes, provide a description of the	airport/flightline tenants: ROLLING RODRE W/ PAYC
	OCCUPIED BY HEAVY VEHICLES,
*	MECHANICS ON- DUTY



Other Significant S	ite Features:
1. Does the facility h	nave a fire suppression system?
	1a. If yes, indicate which type of AFFF has been used: NO HISTORIC FIRE SUPPR.
	1a. If yes, indicate which type of AFFF has been used: NO HISTORIC FIRE SUPPR. "SYSTEM REPORTED IN THEFAREAS:
	CRR #1, #2, \$ #3
	1b. If yes, describe maintenance schedule/leaks:
	1c. If yes, how often is the AFFF replaced:
	1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
	rd. 11 yes, does the facility have froot drains and where do they lead? Can we obtain an as built drawing?
Transport / Path	way Information
Migration Potentia	
1. Does site/area dra	la. If so, note observation and location:
	Tall A 30, note obtain value industrial.
	NO DEATNAGE IN FRAST RUCTURE OBSERVED, OVER- LAND FLOW. NO CUEB & GUTTER G SARATOGA AVE ed flow within the site/area? 2a. If so, please note observation and location: PONDING/EYAP./PERIOLATION
	LAND FLOW, NO CUEB & GUTTER & SARATOGA AVE
2. Is there channelize	ed flow within the site/area?
	2a. If so, please note observation and location: PONDINE / EXAP. / PERIOLATION
	NO DEOP INLETS NEARBY (DI'S TO WEST
	SEVERAL HUNDR.
3. Are monitoring or	drinking water wells located near the site? (Y/N) And
	3a H so please note the location: (W-3)
H20 4	drinking water wells located near the site? 3a. If so, please note the location: (W-3) BLDGS. /CONSTR BLDGS. /CONSTR WELL #3 USED FOR EMERG. DRINKING WATER USING WELL #3 USED FOR EMERG. DRINKING WATER USING EXEL DROPPED DUE YEARS REX. OSM/PUMPS = NO 6/W RECOV. DUPINGER intakes located near the site? YN, TRAINING/DRIUS-TO 4a. If so, please note the location: DEED FOR DUIL ITS. TO
4. Are surface water	intakes located near the site? YN, TRAINING DRIVE TO
	4a. If so, please note the location: PEEP FOR PUMPS TO
	DRAW
5. Can wind dispersi	on information be obtained? Y(N)
o. Can wind disposor	5a. If so, please note and observe the location.
	ou. 11 to, preuse note and observe the location.
6. Does an adjacent r	non-ARNG PFAS source exist? Y/N
	6a. If so, please note the source and location.
	6b. Will off-site reconnaissance be conducted? Y(N)

	J P		
			CFRS#2##3
Significant Topographical Features:		(EDH)	CURPENTLY
1. Has the infrastructure changed at the site/area?	Y/N	2112-1	CONEX
1a. If so, please describe change (ex. St	ructures no longer exist):	CURRENTLY	STOPAGE
Significant Topographical Features: 1. Has the infrastructure changed at the site/area? 1a. If so, please describe change (ex. St. 1/2) 2. Is the site/area vegetated? 2a. If not vegetated, briefly describe the	FIRE TORICAL	VIEC = VETILIE	COPEN TO THE
	CHAIR COAL	113 - THE CLES	OFFICE YARD
2.1.4. ::/	CHAVYTEA	(OPEN YA	120)
2. Is the site/area vegetated?		(SEE ADMIN, RECORDS	repoets)
2a. If not vegetated, briefly deserbe the	site/area composition:	FORSPERFI	DKT US/
	LIGHT VE	S./MOSTLY GRAVEL	- RELATINECY
	FLATI		11221
3. Does the site or area exhibit evidence of erosion?	Y(N)	(SUBGRAD, FA	INPERMPING)
3a. If yes, describe the location and exte	ent of the erosion:		/
	FLAT - PC	AD/ ERAVEL G SAM	E ELEV.
	XIL	NO CURE GITTED	MINIGI
4. Does the site/area exhibit any areas of ponding or standing v		(YIN SARATOGA	AVE
		YAN SARATOBA	AVE.
4a. If yes, describe the location and exte			\
	OCCAS: CC	MPRETED SOILS (G)	RLULAP)
	MOSCY (INDICA	MING PONDING! W,	MINDR
D		POTHOLES	III. Elevidate
Receptor Information			
1. Is access to the site restricted?			0
1a. If so, please note to what extent:	FONGO-IN A	rea restricted to	M.P.
	RAYTH WAR	red to swell / Stor	JIST ALL
			/
		Trespassers / Residential / Recr	eational
2. Who can access the site? Users / Ecologic	al		1
2a. Circle all that apply, note any not co	vered above: BASE	repsounce (M.P.S	
3. Are residential areas located near the site?		Y/N)	
3a. If so, please note the location/distan	ce:		
and the state of t	DEC	IDENT, HUNDREDS OF	FET TO NORTH
	PF 3	& YEST	427 101 · 11
		4 4 4 > 1	
4. Are any schools/day care centers located near the site?		Y(N),	
4a. If so, please note the location/distan	ce/type:		
	\$1000 \$1000		
5. Are any wetlands located near the site?		V/N	
-	_	Y(N *)	
5a. If so, please note the location/distant	селуре:	/	

* NOTE: CFRAREAS # 2 &# 3 GEOGRAPHIC LOCATION (SPECIFIC) NOT CLEAR Visual Survey Inspection Log

GY IN THIS AREA IS IN A PIPERTION TO THE SOUTHWEST

Additional Notes WELL# 3 WELL-HEAD COMPROMISED, WATER HAS LISTORICALLY BEEN OBSERVED TO POND AROUND WELL-HEAD WATER TO WELL INTRUSION LIKELY COHC. APRON CRAKED - COUSE/LID EECENCLY REPLACED BUT OBSERVED TO BE LOUSE ON WELL-HEAD TESTING = 300 100 PPK PEAS'S YIDEO OF WELL AYALL. IF OF INTEREST Photographic Log Date & Location Photo ID/Name **Photograph Description** GOOGLE EARTH MAP 1/24 10:17 1234 WELL #3 WELL (KEAD & APEA, VIEW PO NE 1335 10:18 WELL#3 CLOSEUP 1246 10.18 VIEW TO SX1 - VIEW HEAD & AREA ROAD SARATOGA AVE \$ AREA GRADE 10, 18 EITHERCFA #2 OR/AND# 1/24/13 VIEW TO NE-GRAVEL LOT W/GNEX (TOR AGE 10:36 VIEW TO WEST - GIVEN BOXES/G PAVEL LOT (PANO 1/24/18 10:40 APEA INVEST, DURING RT - HOTHING FOUND INVESTIGATED BUT JOE NOT IONFID. ABOUT APPROACH/DATA W/GEOPROBE 10:46 VIEW TO NW. WESTERN PROPERTY BOUNDARY BRIFF 1/24/18 RELATIVELY NEWLY CONSTRUCTED STORM EUNOFF STOPS (9 WESTERN DETENTION BASIN - IT UNLINED; W/ STORM DRAIN BASE BOUNDAR INFRASTRUCTURE IN THIS PART OF THE BASE. HISTORIC DRAIN AGE ISSUE. ADJAZENT TO PHOTOS CANAL/DEAIN AGENTY (CONC. LINED) 17 1/24/18 10: 48 DRKINAGE DITCH G WESTERN SITE BOUNDARY YIER IS TO NWI - NORTH OF CONI. SPILLWAY

1/24/18

IS BA-SIN

SITE BOUNDARY

1048 VIEW TO SW-DRAINAGE DITCH G WESTERN



Visual Site Inspection Checklist JETBENVI. MANGER Names(s) of people performing VSI: Recorded by: CUS R. **ARNG Contact:** TOM TANDOC (BASE ENVI. ARNG Date and Time: 1/24/18 6 1053 Method of visit (walking, driving, adjacent): WALK / DRIVE Source/Release Information Site Name / Area Name / Unique ID: HISTORIC FUFL TANK APEA - JP4 TANK SITE Site / Area Acreage: APPROX. 5.5 ACRES USED AS FUEL BULKSTORAGE Historic Site Use (Brief Description): PARTALLY IS ABOVE & IT BELOW GROUND CRAYEL & GRASS COU/OPEN LOT W/STORAGE **Current Site Use (Brief Description):** NONE BUT W/ WALKE STAGE BSLOET ONLY Physical barriers or access restrictions: 1a. If yes, document how PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):

CO MPRESSED AIZ "CARTS" IN AREA (ONE OF SERVICED BY "MOBILE" OR RANGE, CA 1. Was PFAS used (or spilled) at the site/area? 2. Has usage been documented? Y/N 3/186% "TEI - MAX" 30 (BRAND) 2a. If yes, keep a record (place electronic files or a disk): CLASS B CLASS A 2 QUART K. C. A. F. FIRETECHNOLOGIES Industrial / Commercial / Plating / Waterproofing/Residential 3. What types of businesses are located near the site? 3a. Indicate what businesses are located near the site 4. Is this site located at an airport/flightline? ARMY DIV. TO HORTH . NEXIER FUEL AST & CFA'S 1,283 4a. If yes, provide a description of the airport/flightline tenants: TO EAST, LANDFILL & NEW

Other Significant Site Features:
1. Does the facility have a fire suppression system?
1a. If yes, indicate which type of AFFF has been used:
TRI-MAX30 CARTS/MOBILE UNITS - 2 TANK
-> OBSEPTED TO BE IN GOOD CONDITION/CONFRED (SEE PHOTO FOR DETAIL
1b. If yes, describe maintenance schedule/leaks: NO LEAKS/STAINS OBSERVED
"MOBILE" OF DEANGE FOR SERVICE; TAN US
SYSTEM REPOPTED TO NOT BE TESTED ONSITE; ONE-
1c. If yes, how often is the AFFF replaced: 15E PELHARGED BY SUBCONT THOUGHT TO BE ANNUAUY? (TAG ON CART OBSERVED OFFSITE = SERVICED -> DEC. 19,2016)
1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
GRAVEL LOT W/ DRAINAGE DITCH TO WEST 6 WESTERN SITE BOUNDARY; DRAINAGE
Transport/Pathway Information INFEASTRUCTURE TO NORTH IN SARATOGA AVE,
Migration Potential: JP-AAREA PROPER, SEC, DRAIN/EYAP;
1. Does site/area drainage flow off installation? Y/N INFRASTRUCT URE
1a. If so, note observation and location: POTENTIAL EXISTS
TO WEST (TO DITCHES)
2. Is there channelized flow within the site/area?
2a. If so, please note observation and location: DEALMAGE DITCH
FIAT, EXAP, PERC. MORE
3. Are monitoring or drinking water wells located near the site? Y/N Y/N
3a. If so, please note the location: NONE OBSERVED GIME/AREA VISITED WHERE R. T. FOR DETAILS - ACCORDING TO
CHECK R. I. FOR DETAILS - ACCORDING TO
JOE, WELLS IN THIS AREA USED ON UP
4. Are surface water intakes located near the site? Y(N) FOR GAUFING (VAST
4a. If so, please note the location:
4. Are surface water intakes located near the site? 4a. If so, please note the location: YN FOR GAUGING (VAST 3 YEARS OR SD) PREVIOUSLY, WELL WATER WAS ANALYZED BY LAB
5. Can wind dispersion information be obtained?
5a. If so, please note and observe the location.
6. Does an adjacent non-ARNG PFAS source exist? Y/N VNK - CHE/K
6a. If so, please note the source and location.
6b. Will off-site reconnaissance be conducted? YIN DRIVEBY- CMPLETED
OBSERVED BASEBALL FIELD & Page 2 of 4
OBSERVED BASSBALL FIELD & Page 2 of 4 PESIDENTIAL TO WEST OF TP-4
JP-4

Significant Topographical Features:	
1. Has the infrastructure changed at the site/area?	
1a. If so, please describe change (ex. Structures no longer	exist): USTS/AST'S REMOVED
& SITE GR	ADED LEYEV
1. Has the infrastructure changed at the site/area? 1a. If so, please describe change (ex. Structures no longer	(SEE ADMIN, BEC. REPORTS FOR DA
2. Is the site/area vegetated? 2a. If not vegetated, briefly describe the site/area composition.	MOSTLY ition: GRASS COXFR SOUTHFACT
2a. If not vegetated, briefly describe the site/area composi	OLIVER DIRT/GRAVEL KOFA W/PARIZE
	XEITICLES
3. Does the site or area exhibit evidence of erosion?	721,1000
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	
Receptor Information	
1. Is access to the site restricted?	
1a. If so, please note to what extent: LIMITED TO	d base personnel
2. Who can access the site? Site Workers / Construction Work Users / Ecological	rkers / Trespassers / Residential / Recreational
2a. Circle all that apply, note any not covered above: By	SSE PERSONNEL.
3. Are residential areas located near the site?	(Y/N
3a. If so, please note the location/distance: TO WES	IT: AREA IS ADJACENT
	IS (TE BOUNDARY
	() (I E BOUNDITE)
4. Are any schools/day care centers located near the site?	YIN UNIV
4a. If so, please note the location/distance/type:	CHECK EDR
BASEBALL FIFLD	OBSERVED TO WEST OF AREA
5. Are any wetlands located near the site?	Y/N LVV
5a. If so, please note the location/distance/type:	CITECU FOR
	"COUNTY" GONC-LINED DRAINAGE
	PITCH TO NW.

Additional Notes FORMED JP-4AREA REPORTED TO BEINVESTIGATED BY OTHERS PENED SIGNIFICANTRELEASES OF KARPOUS FUELS REPORTED/POLUA INVEST Photographic Log Photo ID/Name Date & Location **Photograph Description** 1345 10:53 TRI MAY 30 MOBILE EIPE SUPPRESSION UNIT (WHEELED 1346 1347 1348 1349 1350 1351 COVEREDUNITE YIEXI TO HORTHWEST



Visual Site Inspection Checklist

	(AFROM) ARNG
Names(s) of people pe	erforming VSI: GUSP, TOM T. (ENVI. MANG); JOED. (DECT. PM)
	Recorded by: GUS R.
A	RNG Contact: TOM TANDOC
	Date and Time: $1/24/18$
Method of visit (walking, driv	ring, adjacent): DRIVE/WALK
Source/Release Information	
Site Name / Area Name / Unique ID:	NEXT CRASH FIRE RESCUE TRAINING AREA & LANDFILLAREA
Site / Area Acreage:	APPROX. 6 ARRES
Historic Site Use (Brief Description):	AREA USED FROM 1983 TO 1987 FOR CRASH
	FIRE RESCUE TRAINING
Current Site Use (Brief Description):	OFFNFIELD MORTH OF LANFILL (IELL)
Physical barriers or access restrictions:	NONE; W/ARNG ESCORT
NAVY GRA 19B3 TO 19B7	now PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
2. Has usage been documented? 2a. If yes, keep a reco	NTRODUCED TO BERNED PITS THAT WERE IGNITED PUBLICATION OF TO SIX TRAINING SESSIONS /WEEK B3 108; ord (place electronic files on a disk): GW MONITORING REPORTS
PRESENT SOME H TIME OF	PASITEVISIT
3. What types of businesses are located near 3a. Indicate what bus	the site? Industrial / Commercial / Plating / Waterproofing / Residential inesses are located near the site
	RESIDENTIAL TO WEST (BASE BOUNDARY)
	escription of the airport/flightline tenants: APEA IS TO THE WEST



ther Significant	Site Features:
. Does the facility	have a fire suppression system?
	1a. If yes, indicate which type of AFFF has been used: NOT REPORTED TO HAVE
	FIRE SUPPRESSIONSYSTEM IN THIS APEA
	1b. If yes, describe maintenance schedule/leaks:
	1c. If yes, how often is the AFFF replaced:
	1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
Transport / Path	hway Information
Aigration Potenti	
. Does site/area dr	ainage flow off installation?
	1a. If so, note observation and location: PERTIVELY FLAT AREA W/NO PRATINAGE INFRASTRUCTURE NOTED; LIKELY EVAP. A
	PERIOL. DRAINAGE (OVERLAND)
. Is there channelize	zed flow within the site/area?
	2a. If so, please note observation and location:
	TO WEST AT WESTERN BASE BOUNDARY
	THERE IS A UNLINED DEATNAGEDITIH
. Are monitoring o	or drinking water wells located near the site?
	3a. If so, please note the location:
	MONITORING WELLS IN AREA USED TO MENTER COC'S RELATED TO EXTENSIVE FUELS RELEASED TO FEOL MEDIUMS IN THIS AREA. (SEE P.I.)
. Are surface water	r intakes located near the site? Y/N (1) WELL NORTH OF
	4a. If so, please note the location:
	GUY EXTRIPCTION (PUMPET
	TO CARBON SYSTEM. TREATE
. Can wind dispers	sion information be obtained? YN WATER FROM SYSTEM USED FO
	5a. If so, please note and observe the location. DUST SUPPRESS ION IN FOR
	FARMED APEAS OF THE BA
	(SPEAYED BY TEVLK DA
. Does an adjacent	non-ARNG PFAS source exist?
	6a. If so, please note the source and location.
	6b. Will off-site reconnaissance be conducted? Y/N
	DEIVERY SOUDVITED G REAGAN ST. Page 2 of 4

Significant Topographical Features:
1. Has the infrastructure changed at the site/area?
1a. If so, please describe change (ex. Structures no longer exist):
2. Is the site/area vegetated? Y/N
2a. If not vegetated, briefly describe the site/area composition:
ERKSY REEAS MIXED W SEAVEL - AREA RECENTLY GRADED (FILLED) - TIME VNK. BUT CAN OBTAIN INFO FROM JO 3. Does the site or area exhibit evidence of erosion? YN
BELENILY GRADED (FILLED) - TIME VALL BUT LAN BETAIN LINED FORM TO
3. Does the site or area exhibit evidence of erosion?
3a. If yes, describe the location and extent of the erosion: ANIMAL BURROWING NOTED.
MOUNDS & HOLES
MONINS & HOLES
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: WENTIONED TO HAVE SOME AREAS W/ RONDING
SOME AREAS W/ PONDING
Receptor Information
1. Is access to the site restricted?
1. Is access to the site restricted? 1a. If so, please note to what extent: YN REQ. 1APPERIORT
24/00
St. Warkers / Construction Workers / Transcript / D. 11 / 11/D.
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: ARNG STAFF
and the state of t
3. Are residential areas located near the site?
3a. If so, please note the location/distance:
TO VIEST; NEVI CFA BORDERS RECIDENTIAL
RECIDENTIAL
4. Are any schools/day care centers located near the site? Y/N
4a. If so, please note the location/distance/type:
CHECK FOR
5. Are any wetlands located near the site?
5a. If so, please note the location/distance/type:
CHEACEDR

Additional Notes GW MONITOPING VEUS HAD "PISERS"; AREAWAS REVENTLY

GRADED WILL MATERIALS PLACED; WEUS (20BSEVED) SITUATED

WIND DEPRESSION - UHK IF WATER FROM WEUS IS W/ PFAS'S
FOUNDY UP W/ JOH

AREA REPORTED TO BE W/ HIGH WONE. (GW) CHEOR. SOLVENTS

WEUS WERENTLY GAUGED ONLY (CONFIRM W/JOE)

Photog.	raphic	Log

Photo ID/Name	Date & Location	Photograph Description
1354	1/24/18	GOOGLE EARTH WOLATION SCREENISHOT
1355	1/24/18-1104 AM	VIEW TO NORTH-(2) GW MONI-WELLS
1356	1/24/13	GOOGLE FARTHLOCATION SCREENSHOT
457	1/24/18-1115AM	YIEW TO SOUTH - VIEW OF CFRELANDFILL (PAND)
1358	1/24/18 - 1115 AM	YIEXITO SOUTHEAST - VIEW OF CKR & LANDFILL
1359	124/13 - 1115 km	VIEW TO SOUTHWEST- VIEW OF CFE & LANDFILL
1360	1/24/18 - 1115AM	VIEW TO WEST-VIEW OF CFP, GNITREATMENTSHE RIGHT, BAZKEROUND OF PHOTO
1361	1/24/18 - 1124 AM	VIEW TO SOUTH ALONG WESTERN MARGIN/ PROP.
	, ,	FOUNDARY OF LIP & LANDFILL; PLC PIPE
		LEFT PHOTO = TREATMENT SYSTEM PIPING.



Visual Site Inspection Checklist

Names(s) of people performing	VSI: GUS PASSAMBI (ASTOM), TOM TANDOS (ENVIMANAS, JOE DAVIS
	ed by: EUS P. (ARNE-
ARNG Co	ntact: TO M TANDOC
Date and T	
Method of visit (walking, driving, adja-	cent): DEIVE/WALK
Source/Release Information	
Site Name / Area Name / Unique ID:	IER LANDFILL TRENCHES & INDUSTRIAL WATER TREAT AREA
Site / Area Acreage:	E/K
Historic Site Use (Brief Description):	YAS FORMERLY WITH KANDFILL (TEENCHES/LUT-COVER)
\$ (N	PHRMED BY WITH
	PARMED BY WITH
Physical barriers or access restrictions:	is w/ escoptonly
N. P.	
. Was PFAS used (or spilled) at the site/area?	Y/N LIKELY HOT
	S was used and usage time (e.g., fire fighting training 2001 to 2014):
	UNGLEAR/UNK. WHAT WAS PLAZED IN
	LANDFILL, REPORTED TO BE MOSTLY GENERAL, HOWEHO
2. Has usage been documented?	Y/N
2a. If yes, keep a record (place	LANDFILL/INDVST. WASTE TERATMENT OFERATED
	BY HAVY - INFO NOT AVAIL
3. What types of businesses are located near the site?	Industrial / Commercial / Plating / Waterproofing / Residential
3a. Indicate what businesses are	
	RESIDENTIAL BORDERS AREA TO YEST
4. Is this site located at an airport/flightline?	Y/N
	of the airport/flightline tenants:
	ARHE/NAYY (FLYINDLUL)
	PLANES/HELI/OPTERS FLY OVER AREA TO LAND/ TAKE OFF
	AREA 10 LAND
	TACEOFF

Page 1 of 4

Other Significant Site Features:	
1. Does the facility have a fire suppression system?	
1a. If yes, indicate which type of AFFF has been used:	
1b. If yes, describe maintenance schedule/leaks:	
1c. If yes, how often is the AFFF replaced:	
the state of the s	
14 If you do not be for the land of the land	1 1 10 0
1d. If yes, does the facility have floor drains and where	e do they lead? Can we obtain an as built drawing?
Transport / Pathway Information	
Migration Potential:	
1. Does site/area drainage flow off installation?	ŷ.
1a. If so, note observation and location:	SFC/OVERIAND DRAINAGE
HO GI	UBSURFACE INFEASTERITURE
,,,,	
2. Is there channelized flow within the site/area?	OBSERVED IN THIS APEL
2a. If so, please note observation and location:	FLATFARM
	FIELDS THAT GET DISCED
500 1010 0x60 0x 2004 17 1	1/-
3 Are monitoring or drinking voter wells legated more the site?	VIN CONGREGATE IN
 Are monitoring or drinking water wells located near the site? 3a. If so, please note the location: 	
	FUGHT-LINE AREAS
NEED TO CHE	
4. Are surface water intakes located near the site?	Y/N)
4a. If so, please note the location:	
5. Can wind dispersion information be obtained?	
5a. If so, please note and observe the location.	

6. Does an adjacent non-ARNG PFAS source exist? Y/N	11e
6a. If so, please note the source and location.	4 10
6b. Will off-site reconnaissance be conducted?	V/M
	Y/N
!	DRIYEBY GREEIDENTIAL Page 2 of

Significant Topographical Features:
1. Has the infrastructure changed at the site/area?
1a. If so, please describe change (ex. Structures no longer exist): WANDFILL TRENCHES EXCAVA-
1a. If so, please describe change (ex. Structures no longer exist): WANDFILL TRENDITES EXCAVA MATERIALS PLACED INTO WEW (LINED) LANDFILL
2. Is the site/area vegetated? Y/N)
2a. If not vegetated, briefly describe the site/area composition: FORMERLY FARMED
2a. If not vegetated, briefly describe the site/area composition: FORMERLY FARMED AREAS DISCED ON A CURRENTLY "LAND-FARMED" TRASH DEBRIS NOTED 3. Does the site or area exhibit evidence of erosion? Y(N*) IN LAND-FARMED AREAS (PLASTIC BAG 3a. If yes, describe the location and extent of the erosion: "SOILNUTRIENT ADDITION"
CUPRENTLY "LAND-FARMED" TRACH DEBRIS NOTED
3. Does the site or area exhibit evidence of erosion? Y(N) IN LAND-FARMED AREAS (PLACTIC BAG
3a. If yes, describe the location and extent of the erosion:
AREA-OPERATED HISTORICALLY
FOR 8-YEARS - FARMED U
4. Does the site/area exhibit any areas of ponding or standing water? Y(N) 3 YEARS AGO
4a. If yes, describe the location and extent of the ponding:
Receptor Information
1. Is access to the site restricted?
1a. If so, please note to what extent: ALLESS WEASE ESCORT ONLY
,
Site Workers / Construction Workers / Trespassers / Residential / Recreational
2. Who can access the site? Users / Ecological
2a. Circle all that apply, note any not covered above: 5ASE WORKERS FISH & FAME
2a. Circle all that apply, note any not covered above: 5ASE WORKERS (FISH & FAME EMPLOYEE NOTED IN AREA AT TIME OF V(LIT)
3. Are residential areas located near the site?
3a. If so, please note the location/distance:
FORDER TO WEST/HYDRAUMICAN
POWNGRADIENT OF AREA
4. Are any schools/day care centers located near the site? Y/N
4a. If so, please note the location/distance/type: CHECK EDR
5. Are any wetlands located near the site? Y/N
5a. If so, please note the location/distance/type: CHECK EDP

LANDFIL		
LITTLE 1	S KNOWH RE: NAVY	ERA VIA
APEAS FOR	IMERLY FARMED BY #	GRIUM LAND LEAST - NO LONGER
OPERATIO	NE AT THE BASE -	
		ER ON A PAILY BASIS; DUST CONTROLPUR
hotographic Log	YATER SOURCE = GH	EXTERNITION/CARRON TREATMENT COMPO
Photo ID/Name	Date & Location	Photograph Description
	. / /	TRENCHED
1362	1/24/18 1428	YISW TO THE NOTH OF FORMER LANDFILL
1363	1/24/18 1429	
	727/10 1429	VIEW TO THE NORTHEAST OF AREA FORMERLY FI
1364	1/24/18	GODGLE EARTH IN AGE SHOWING WCATTON
	(11)	
1367		1367 TO 1376 - YARJOVS VIGUS OF
1210		FORM FRUY FARMED AREAS TO SOUTH
1368		SOUTHWEST OF BASE EVNWAYS
1369		

1372

372 | 3 LAGOONS FORMERLY LOCATED IN THIS APEA - LAGOONS

137.3

1375 V 1376

> * EXISTING STOCKPILE" IN ADEA = AREA WHERE LONSTRUCTION-PICLATED MATERIAUS PLACED; BASE-WIDE USE, STOCKPILLING BEGAN ____YEARS AGO THROUGH TO _

> > "BASH" PROGRAM

1377 1/24/18 1320- YIEW TO THE SOUTHOF IRRIGATION WELL FORMERLY USED BY AGRIUM



Visual Site Inspection Checklist

TITE
rforming VSI: GUS R. (AGOM), TOMT. (ENVI.) JOED. (DIRECTORATERM)
Recorded by: 6US 12
RNG Contact: TO M TANDOC (ARNG ENV. MANAGER)
Date and Time: 1/24/18
ing, adjacent): PRIVE/YIALK
GCA-BUILDING / GHL HELL (AMRD)
UNK. DISCRETE/SMALL MEEA
WELL USED BY NAW FOR PRINKING WATER SQUECE
FOR
BVILDING: (attack)
WELL: USED BY HAYY FROM TO
KLESSIBLE WESCORT ONLY
a? Y/N VNK
now PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
HAVYERA; LIKELYNOT - WELL IS W
Y/N PFAS
rd (place electronic files on a disk):
the site? Industrial / Commercial / Plating / Waterproofing / Residential
inesses are located near the site
RUNKAYS/FORMBRLY FARMED FIELDS.
- ALUCA 1011 GE TO 15
MULLA PILES TO SE
escription of the airpopt/flightline tenants:
Y/N
Y/N

Other Significant	t Site Features:
1. Does the facility	y have a fire suppression system? Y/N
	1a. If yes, indicate which type of AFFF has been used:
	1b. If yes, describe maintenance schedule/leaks:
	\
	1c. If yes, how often is the AFFF replaced:
	1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
	13. 12 july the to the state of
Transport / Pat	thway Information
Migration Potenti	tial:
1. Does site/area di	lrainage flow off installation? Y/N
	1a. If so, note observation and location:
2. Is there channeli	lized flow within the site/area?
	2a. If so, please note observation and location:
3. Are monitoring	or drinking water wells located near the site?
LECK REPORTS	3a. If so, please note the location: WEU FORMERLY SED FOR DRINKING WA
-	FROM _ TO, WELL IS CONTAMINATED W/PFAS'S, K/EU
	DOPTH IS A
4. Are surface water	ter intakes located near the site?
	4a. If so, please note the location:
5. Can wind disper	rsion information be obtained?
	5a. If so, please note and observe the location.
6. Does an adjacen	nt non-ARNG PFAS source exist? Y/N
•	6a. If so, please note the source and location.

Significant Topograp	hical Features:
1. Has the infrastructur	re changed at the site/area? Y/N
	1a. If so, please describe change (ex. Structures no longer exist):
	FORMER BUNWAY NOW USED (UPPENTLY FOR "MULCH"
2. Is the site/area veget	tated? Y/N
	2a. If not vegetated, briefly describe the site/area composition: ACLA FORMERU FARMED
	BY AGRIUM; CREENELY, SURROUNDING LAND USE IS "LAND FARM (UNDER LEXCE TITE 2-34EARSAGO # W/NOTED TRASH/DEBRIS IN 501
3. Does the site or area	exhibit evidence of erosion? Y/N TRACH / DER PAS IN SOI
	3a. If yes, describe the location and extent of the erosion:
4. Does the site/area ex	chibit any areas of ponding or standing water?
	4a. If yes, describe the location and extent of the ponding:
•	
D	
Receptor Informat 1. Is access to the site i	
1. Is access to the site	1a. If so, please note to what extent: WARNE ESCORT ONLY
	1a. It so, please note to what extent.
-	
2. Who can access the	Site Workers / Construction Workers / Trespassers / Residential / Recreational site? Users / Ecological
	2a. Circle all that apply, note any not covered above: ARN & STAFF & USASE HOUSES
	271111
3. Are residential areas	s located near the site?
	3a. If so, please note the location/distance:
•	5a. It so, piease note the location/distance.
	GOLF COURSE (PUBLIC/FE
	NAVYONLY COURSE
 Are any schools/day 	care centers located near the site?
	4a. If so, please note the location/distance/type: WEW EDE
5. Are any wetlands lo	cated near the site? Y/N
	5a. If so, please note the location/distance/type:
-	

Y/ PLY WOOD "COLER" WATER EFFORTED TO POND	
AROUND WELL ENTER AT YELL-HEAD	

Photographic Log

Photo ID/Name	Date & Location	Photograph Description
1380	1/24/12 1502	YIEW OF XIELL HEAD
1381	1/24/18	GOOGLE EARTH YIEW OF WOATTON
1382	1/24/18 1508	(ii); VI FW TO THE WEST
1383	u u	YIEW TO SOUTHEAST
1384	ti ti	VIEW TO EAST OF STRUCTURE



Visual Site Inspection Checklist

	1/ JETB (
Names(s) of people pe	erforming VSI: GUS P. CAGODM / TOM TAN DOCKENVI.) JOE DAVIS ODER
	Recorded by: GUS 12.
	RNG Contact: TOMT,
I	Date and Time: $1/24/18$
Method of visit (walking, driv	ing, adjacent): DRIVE WALK
Source/Release Information	
Site Name / Area Name / Unique ID:	HANGAR ; WASH RACK (ROOFED STEVETURE)
Site / Area Acreage:	
Historic Site Use (Brief Description):	HAHEAR - CONSTENCTED
	(NAVY ERA)
Current Site Use (Brief Description):	HANGAR
Physical barriers or access restrictions:	WARNE ESCORT ONLY; WSIGNIF RESTRICTIONS
1. Was PFAS used (or spilled) at the site/are	a? Y/N
· · · · · · · · · · · · · · · · · · ·	now PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
HANFAR FIRE SUPPRESSI 1400005 THROUGH VALL; CRADI	PN SYSTEM (FSS). N750 GALGS AST (OVIDODES)-PIPES TO SE/OFFGEOUND, HANGAR FILLED WY FOAM OURING TESTING
2 Has usage been documented? (7.4555	
,	RECORDS AVAIL.? PHOTOS AVAIL? (1) AGITATOR REVE
	Aft of top of
3. What types of businesses are located near	the site? Industrial / Commercial / Plating / Waterproofing / Residential HEUCONT nesses are located near the site
3a. Indicate what bush	ON BASE(MID.)
4. Is this site located at an airport/flightline?	Y/,N
	escription of the airport/flightline tenants:
	HANGAR SERVES AIRSTEID - REPAIR FAMILITY
FSS - 14	NATIONA ; INSTALLED ON A BASIS F) BELLING IN OCCUPANTE ON
ON (9AT	E). RECAME 110 05 04 05 04 1

Other Significant Site Features:
1. Does the facility have a fire suppression system?
1a. If yes, indicate which type of AFRE has been used:
FOUDW-UP
1b. If yes, describe maintenance schedule/leaks:
FOLLOW-UP. LET TIME DE VISITEULTEIN
INDPERABLE (WHY ?); WOKED OUT / TREGED OUT
1c. If yes, how often is the AFFF replaced:
FOLLOW-UP (1) RELEASE AT TESTING (1) A COID. RELEASE FROM (1) AGITATOR ONLY
1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
(FLOOR IN EXCELLENT COMPITION) DEOP INLETS OUTSIDE OF HANGAR
Transport / Pathway Information & W/D DILKED COASKS) IN WASH RATE POOK STRUCTURE, Migration Potential: D.T., PART OF OWS - CONNECTED TO
Migration Potential: D.T. PART OF OWS -> CONNECTED TO
1a. If so, note observation and location: w/ UQUIDS Official AS LAZ
1. Does site/area drainage flow off installation? 1a. If so, note observation and location: Y/N SANITARY AFTER, GRAVITY SYSTEM W/UGUIDS OFFSITE AS HAZ. WHY? UNDER
WHAT MANIF, / PERMIT
2. Is there channelized flow within the site/area? Y/N (where To, -, ETc.)
2a. If so, please note observation and location:
OUTSIDE OF HANGAR, FOLLOW-UP
TO D-I,
3. Are monitoring or drinking water wells located near the site?
3a. If so, please note the location:
4. Are surface water intakes located near the site?
4a. If so, please note the location:
(2) D.I.'S (TO OWS)
(2) (10 000 3)
5. Can wind dispersion information be obtained? Y/N
5a. If so, please note and observe the location.
ea. 11 do, preade note and observe the focusion.
6. Does an adjacent non-ARNG PFAS source exist? Y/N VNV VNV VNV VNV VNV VNV VNV
6a. If so, please note the source and location.
6b. Will off-site reconnaissance be conducted?
MID - BASE Page 2 of 4

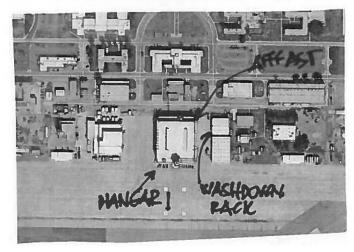
Significant Topographical Features:
1. Has the infrastructure changed at the site/area? Y/N
1a. If so, please describe change (ex. Structures no longer exist): WASH RACK ROOF
1a. If so, please describe change (ex. Structures no longer exist): WASH RACK ROOF
- USED TO WASH HELLOPETERS/VARIO
2. Is the site/area vegetated? YIN GOUIPMENT UNDER "COV
2a. If not vegetated, briefly describe the site/area composition:
BEINFORCED COHORETE GLAR
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?
4a. If yes, describe the location and extent of the ponding:
Receptor Information
1. Is access to the site restricted? 1a. If so, please note to what extent: Y/N ASING SCOUT ONLY
1a. If so, please note to what extent: WESCOLL ONLY
(Site Workers / Construction Workers / Trespassers / Residential / Recreational
2. Who can access the site? Sers / Ecological
2a. Circle all that apply, note any not covered above:
3. Are residential areas located near the site?
3a. If so, please note the location/distance:
HOT IN XICINITY CLUSE PROX,
TO THIS XPEA
4. Are any schools/day care centers located near the site? Y/N
4a. If so, please note the location/distance/type:
5. Are any wetlands located near the site? Y/N
5a. If so, please note the location/distance/type:

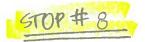
HELLOPTER RISHED OUT TO WASH RACK TYPE
AREA & HOSEP OFF. (WATERHOSE)
DURING SYSTEM TESTING REVEASE FORM WASHED OUT TO)
GICCOUNTING CONSCRETE SLAB, FORM WASHED TO D.I. (OWS)
HANGAR HAS (6) AGITATORS

Photographic Log

Photo ID/Name	Date & Location	Photograph Description
1386	1/24/18 1719	YIEYL OF AFFF AST
1387	1/24/18 1720	VIEW of crost caper
1388	1/24/18	VARIOUS PHOTOS OF AFFF CONVEYANCE
THROUGH 1393	1	EQUIPMENT
1394	1/24/18	VACIOUS PHOTOS OF CONCRETE FLATWOPK OUTS I PE OF HANGAR & BENEATH
17/1206H	1740	WASHODWN PACK

OWS DESIGN SPECS (COLLOW-UP)





Visual Site Inspection Checklist

	APNO
Names(s) of people p	erforming VSI: GUS P. (LECOM); POM TANDOG (FAVI); JOE DAVIS (DIEGOE
	Recorded by: 6VS P.
A	ARNG Contact: TOM T-
	Date and Time: 1/24/18
	1/10
Method of visit (walking, driv	ving, adjacent): WALK
Source/Release Information	
Site Name / Area Name / Unique ID:	IN AREA MIXED USE/LEASE W/ USDA-(FL)
Site / Area Acreage:	IN AREA HIXED USE/LEASE W/ USDA-(FL
Historic Site Use (Brief Description):	UNK. IN YIGINITY OF "NEW" CFR AREA
	> 2000% AFFF CFR TRAINING (ENDOF ONG.). ARNG ERA
Current Site Use (Brief Description):	FUEL TRUCK PARKING (EMPTY?-TO"FROUND")
	AFFF NOZZLE TESTING AREA
Physical barriers or access restrictions:	STRICT ACCESS - 4/ ARNE ACCESS ONLY
	/
1. Was PFAS used (or spilled) at the site/are	ea? Y/N
• • •	how PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
· · · · · · · · · · · · · · · · · · ·	POST-2000 ON CONCRETE IN AREAGSW GRNER OF
	AIRCRAFT PARKING AREA
2. Has usage been documented?	Y(/N)
2a. If yes, keep a reco	ord (place electronic files on a disk):
3. What types of businesses are located near 3a. Indicate what bus	r the site? Industrial / Commercial / Plating / Waterproofing / Residential sinesses are located near the site
	TO WEST/HYDR. DOWN FRADIENT
4. Is this site located at an airport/flightline	? Y/N description of the airport/flightline tenants:
	USDA, APNE

14



Other Significant	Site Features:	FIRETEURY FIRETEURY FIRETEURY FOR USED FOR FRUIP. NOZZLE USED FOR URASH FIRE TRATIL
	have a fire suppression system?	LREA USED FOR EQUIP. NOZZLE
	1a. If yes, indicate which type of AFFF has been used	TOSTING & PREXIDUSLY
		USED FOR GRASHFIRE TRAIN
		BY LOS AL FIRE PEPT,
	1b. If yes, describe maintenance schedule/leaks:	
	1c. If yes, how often is the AFFF replaced:	
	1d. If yes, does the facility have floor drains and when	re do they lead? Can we obtain an as built drawing?
Tuesday out / Dat	house Information	
Migration Potenti	hway Information	
	rainage flow off installation?	
1. 2 000 0110/0100 01	1a. If so, note observation and location:	
2. Is there channeli:	zed flow within the site/area?	(Y)N
	2a. If so, please note observation and location:	
		EM" (AZIONC.) IN THE APEA
	13B1	EM" (AZIWNC.) IN THE AREA
3. Are monitoring of	or drinking water wells located near the site?	(YIN GENDOFIONE,
	3a. If so, please note the location:	A-POON
	TWO WELL W/SITE	APPON (SEE PHOTO) EVED - W/PFAS ANMYSES?
	6 BSEE	EXED - W/PFAS ANOTYSES?
4. Are surface water	r intakes located near the site?	YM, FDUDW-UP
	4a. If so, please note the location:	
5. Can wind dispers	sion information be obtained?	
	5a. If so, please note and observe the location.	
		-
6. Does an adjacent	non-ARNG PFAS source exist?	NUBELY
	6a. If so, please note the source and location.	
		
	9	
	6b. Will off-site reconnaissance be conducted?	YIN
		RESID, TO WEST PRIVE - BY Page 2 of 4
		Page 2 of 4

Significant Topogr	aphical Features:
1. Has the infrastruc	cture changed at the site/area? Y/N UNK,
	1a. If so, please describe change (ex. Structures no longer exist): NOTED "ARTIMERY"
	BUNKERS? (STAR-SHAPED) LONG.
	STRUCTURES - USED FOR STORAGE
2. Is the site/area ve	egetated? YAN
	2a. If not vegetated, briefly describe the site/area composition: PARTALLY VEGETATED
	rea exhibit evidence of erosion? (5TRESSED VEG.?) LERIAL = YES
3. Does the site or a	rea exhibit evidence of erosion?
	3a. If yes, describe the location and extent of the erosion: MINDE SURFACE GRAPING FILL PLACED RELENTY (DATES: 2 - 2 a exhibit any areas of ponding or standing water?
001.	LOTTED IN ARTA JOHN AND STATE OF
follow-up	EILL PLACE 2015 17 (2000) 07
1 Does the site/area	a exhibit any areas of ponding or standing water?
4. Does the site/area	4a. If yes, describe the location and extent of the ponding:
	DENG STORM EVENTS, PONDING
	IS "LIKELY" (GWELL HEADS AS WELL)
Receptor Inform	tation
1. Is access to the si	te restricted? 1a. If so, please note to what extent: ARNG ACCESS ONLY_ WESCORT
	1a. If so, please note to what extent: APNG ACCESS ONLY - W/ ESCORT
	Site Workers / Construction Workers / Trespassers / Residential / Recreational
2. Who can access t	
	2a. Circle all that apply, note any not covered above:
3. Are residential ar	eas located near the site?
	3a. If so, please note the location/distance:
	TO THE WEST; HYPRALUCALLY DOWN GRAPIENT
4 A 1-/-	
4. Are any schools/c	day care centers located near the site? Y/N
	4a. If so, please note the location/distance/type:
	EALTER FOR
5. Are any wetlands	located near the site? Y/N
	5a. If so, please note the location/distance/type:
	CHECK EPR

Photographic Log		
Photo ID/Name	Date & Location	Photograph Description
1399	1/25/1B 1330	VIEW TO SOUTH OF EDGE OF AIRCRAFT
	1/25/18 1330	PARKING AREA
1400	1 2 1 1 1 3	
1400	12710	
1400	72718	
1400		

	(2ND DAY)
STOP !	THURSDAY
	1/25

(ZNU VAY)	
STOP 1 THURSDAY	Visual Site Inspection Checklist
	DI CETT. PM
Names(s) of people p	erforming VSI: GUS R. CAECOM), JOE DAVIS (ARNE)
	Recorded by: GUS P
	ARNG Contact: TOMJANDOC (BASE ENVI.)
	Date and Time: 1/25/18
Method of visit (walking, dri	ving, adjacent): WALK / ORIVE
Source/Release Information	HAVELO 2 & 114 ICED & OVTSIDE ONLY ACCESS
Site Name / Area Name / Unique ID:	MANGAR 2 & HANGER 3 INSIDE NOT PERMITE
Site / Area Acreage:	W/O ARHG(TOMT) ES CORT
Historic Site Use (Brief Description):	HANDER 2 - CONST. G TIME OF VISIT
	HANGER 3 - LONST,
Current Site Use (Brief Description):	HANEAR FOR HEUCOPTERS: STORAGE &
	MAINT
Physical barriers or access restrictions:	YES - WARNE ESCOPT ONLY
1. Was PFAS used (or spilled) at the site/ard	
	how PFAS was used and usage time (e.g., fire fighting training 2001 to 2014):
11114011	22-HO; HANGAR 3-YEG, FROM FIRE SUPPRESSION SYSTEM DURING TESTING IN
2. Has usage been documented?	YIN) FOLLOW-UP & SYSTEM LEAKS
Za. If yes, keep a reco	ord (place electronic files on a disk): CHEV
3. What types of businesses are located near	r the site? Industrial / Commercial / Plating / Waterproofing / Residential sinesses are located near the site
Sa. Indicate what bus	NEAR CENTER OF BAKE
	The state of the s
4. Is this site located at an airport/flightline 4a. If yes, provide a continuous description of the site of the s	? Y,N description of the airport/flightline tenants:
	,
	ARNE OPERATES WIN HANGARS
	1,2\$3
	OTHER TENANTS? HISTORIY CURPENT
	PATES DATES

Other Significant Sit	te Features:
1. Does the facility ha	te Features: Ive a fire suppression system? HANGAR 2 (VIATERONLY)
	1a. If yes, indicate which type of AFFE has seen used:
	HANGAR 3 (W/AFFF)
	1b. If yes, describe maintenance schedule/leaks:
	FOLLOW-UP
	1c. If yes, how often is the AFFF replaced:
	FOUND-UP - AFFF AST PURPORTED
	1d. If yes, does the facility have floor drains and where do they lead? Can we obtain an as built drawing?
	FOLLOW-UP_COULDNT GAIN ACCESS
Transport / Pathw	vay Information
Migration Potential:	
-	nage flow off installation?
	1a. If so, note observation and location:
2. Is there channelized	I flow within the site/area?
	2a. If so, please note observation and location:
3. Are monitoring or d	drinking water wells located near the site? Y/N
_	3a. If so, please note the location:
4. Are surface water in	ntakes located near the site? Y/N
	4a. If so, please note the location:
5 Can wind dispersion	n information be obtained?
o. can wind dispersion	5a. If so, please note and observe the location.
6 Doos on adjacent no	on-ARNG PFAS source exist?
o. Does all adjacent no	6a. If so, please note the source and location.
	van 22 50, presse note the source and rocation.
	6b. Will off-site reconnaissance be conducted? Y(N)
	N/A Page 2 of 4

Significant Topographical Features:
1. Has the infrastructure changed at the site/area? Y/N
1a. If so, please describe change (ex. Structures no longer exist): UNK - FOUOV-UP
RE: STRUCTURE WHERE AFFFUSED FOR
BGE GONTEOL/ELIMIN BUILDII
2. Is the site/area vegetated? 2a. If not vegetated, briefly describe the site/area composition:
CONCRETE HARDSLAPE
3. Does the site or area exhibit evidence of erosion?
3a. If yes, describe the location and extent of the erosion:
4. Does the site/area exhibit any areas of ponding or standing water?
4a. If yes, describe the location and extent of the ponding:
BUT LIKELY LOGALIZED ON
LANC. SFCS, DURING PAIN
Receptor Information
1a. If so, please note to what extent: APNG CLEASE HOLDERS ONLY
(Site Workers / Construction Workers / Trespassers / Residential / Recreational
2. Who can access the site? Users/Ecological
2a. Circle all that apply, note any not covered above:
3. Are residential areas located near the site?
3a. If so, please note the location/distance:
4. Are any schools/day care centers located near the site? Y/N
4a. If so, please note the location/distance/type:
CHECK EPR
5. Are any wetlands located near the site? Y/N
5a. If so, please note the location/distance/type:
CHECK EDR

Appendix B.3 Conceptual Site Model Information

Preliminary Assessment – Conceptual Site Model Information

Site Name: Joint Forces Training Base, Los Alamitos, California

Why has this location been identified as a site?

Interviews indicated that AFFF has been used for training and emergency response at the site along with other uses and testing of fire suppression systems

Are there any other activities nearby that could also impact this location?

• *Arrowhead Products/Federal Mogul (hydraulically upgradient)*

Training Events

Have any training events with AFFF occurred at this site? Yes

If so, how often? Currently once a month

How much material was used? Is it documented? *Unknown*

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? Generally to the South and West

Average rainfall? 12 inches annually on average

Any flooding during rainy season? Yes

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? Yes

Any impoundment areas or retention ponds? Yes

Any NPDES location points near the site? Yes

How does surface water drain on and around the flight line?

Surface water in the vicinity of the WEF FTA drains to the WDD. The ditch is approximately 1,100 feet to the west of the WEF FTA and nozzle testing area, immediately west (hydraulically downgradient) of which is a residential community.

Preliminary Assessment – Conceptual Site Model Information

Groundwater: Groundwater flow direction? Southwest Depth to groundwater? 4-18 feet TOC Uses (agricultural, drinking water, irrigation)? *Unknown* Any groundwater treatment systems? Yes Any groundwater monitoring well locations near the site? Yes Is groundwater used for drinking water? Yes Are there drinking water supply wells on installation? (hydraulically cross or upgradient of JFTB LA) Do they serve off-post populations? Yes Are there off-post drinking water wells downgradient *Unknown* **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? *Unknown* Do we understand the fate of sludge waste? *Unknown* Is surface water from potential contaminated sites treated? *Unknown* **Equipment Rinse Water** 1. Is firefighting equipment washed? Where does the rinse water go? *Unknown* 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? Yes, Testing monthly, surface water drains to WDD 3. Other?

Preliminary Assessment – Conceptual Site Model Information

Identify Potential Receptors:
Site Worker
Construction Worker
Recreational User
Residential
Child
Ecological
Note what is located near by the site (e.g. daycare, schools, hospitals, churches, agricultural, livestock)?
Documentation
Ask for Engineering drawings (if applicable).
Has there been a reconstruction or changes to the drainage system? When did that occur? <i>Unknown</i>

Appendix C Photographic Log

Army National Guard, Preliminary Assessment for PFAS

Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 1

Description:

Former Navy Housing area inactive potable well ARMD-LA5 (view to the North)



Photograph No. 2

Description:

Vicinity of Old Crash Fire Rescue Training Area inactive potable well ARMD-LA3 (view to North)



Army National Guard, Preliminary Assessment for PFAS Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 3

Description:

Inactive well ARMD-LARA near GCA Hardstand Building (view to Northeast)



Photograph No. 4

Description:

Old Crash Fire Rescue Training Area. View of second pit (view to Northwest)



Army National Guard, Preliminary Assessment for PFAS Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 5

Description:

New Crash Fire Rescue Training Area and Waste Consolidation Cell (view to Southwest)



Photograph No. 6

Description:

West End of the Flightline and AFFF Equipment Nozzle Testing Area. Waste Consolidation Cell is in the background (view to Southwest)



Army National Guard, Preliminary Assessment for PFAS Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 7

Description:

Hangar 1 AST with 3% AFFF



Photograph No. 8

Description:

Hangar 1 AFFF automatic fire suppression wet pipe foam system



Army National Guard, Preliminary Assessment for PFAS

Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 9

Description:

Hangar 1 AFFF floating roof foam maker



Photograph No. 10

Description:

Concrete paved area beneath Washrack canopy. Catch basin that drains to an Oil Water Separator is situated in the top right corner of the photograph (view to the West)



Army National Guard, Preliminary Assessment for PFAS

Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 11

Description:

Catch basin at Building 34 (Fire Station) in area where tactical firefighting trucks are filled with AFFF. Wheels of Crash truck at top right corner of photograph (view to Southeast)



Photograph No. 12

Description:

AFFF storage area in Building 34 (Fire Station)



Army National Guard, Preliminary Assessment for PFAS Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 13

Description:

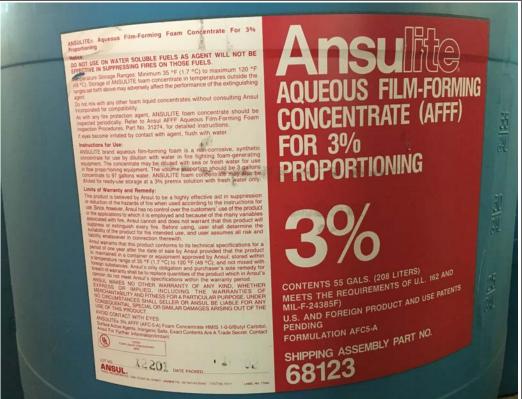
National Foam Aer-O-Wa ter 3% by 3EM (55-gallon plastic container)



Photograph No. 14

Description:

Ansulite AFF 3% (55-gal lon plastic container)



Army National Guard, Preliminary Assessment for PFAS

Joint Forces Training Base Los Alamitos

Los Alamitos, California

Photograph No. 15

Description:

ChemGuard AFF 3% (5-gallon plastic container)



Photograph No. 16

Description:

Western Drainage Ditch (WDD) (view to the Northwest)

